Sixth Annual Special Household Magazine Number

VOL. XXXII.

NUMBER 41

TRM AND DATA Sons Date of Sons

RURAL HOME

PETERBORO, ONT.

OCTOBER 9

1913



Lending Encouragement to Beauty

"Simplex" Separator

Is as Simple as

DON'T get away with the opinion that the "Simplex" is complicated, like other machines. It is as simple in construction and operation as A.B.C.

RECAUSE of the simplicity and minimum of working parts, it can scarcely get out of repair and will last a lifetime. Surely this one great factor in itself should be enough to convince you that your new Separator should be a "Simplex."

BUT several of the other important features of the "Simplex"

Easy to Run Easy to Clean Low Down Supply Can Interchangeable Spindle Point Self-Balancing Bowl So Quick in Separating

WE can't begin to give you the full particulars covering each one of these "Simplex" features, but we'll be glad to send you descriptive matter giving all information you want about this peer amongst cream separators. Drop us a card.

ALSO tell us how many cows you milk, and we will give you estimates of what it will cost you to install the B-L-K Mechanical Milker in your stables. Ask for free booklet.

D. Derbyshire & Co.

Head Office and Works . BROCKVILLE, ONT. Brenches: PETERBOROUGH, Ont. MONTREAL and QUEBEC, P. Q

WE WANT AGENTS IN A FEW UNREPRESENTED DISTRICTS

Only-Xmas Ten Weeks

Do you realize that we are almost at the end of another year? We are right now preparing for our last big special. The ex-lence of this and our others is only an earnest of what we planning for our

GREAT FIFTH ANNUAL Breeder's and Xmas Number

ISSUED DECEMBER 4TH, 1913

Yes, it will be out just when "Our People" are prepared to start their Xmas trade. Their spending money power will be above all previous years. Why? Because this year "Our People" have incomes aggregating \$35,000,000, or more.

Our "live fellows" are now out to secure the full advantage of the service we render on December 4.

Are YOU reaching out for YOUR share of this big melon? "First come, first served." is our motto. Secure your space now while you think of it.



NOBODY WORKS BUT MA-ON SUNDAY

This cartoon was intended by The Winnipeg Telegram for its city read-ers. Does it not also have some significance for country people as well. On Sunday the men folk on the farm have necessary chores to which the On sunday the meh forcon the farm have necessary choices to which the must attend, but otherwise work is cut down to the minimum. In too man cases, however, the housewife finds Sunday her busiest day. The Sunday dinner is made a weekly event of importance. Why not dine more simply on Sunday and give "mother" a needed rest?

waters?

In Praise of the Farm

H. Georgina Toole, Ontario Co., Ont. There is no place on this old so dear to me as the farm. Give to others the hurrying crowd, the clang-

ing car and the endless hustle and bustle of city life; but let me have the wide fields, the the wide neids, the deep, calm silence of the wood lot and the whip-poor-will's plaintive evening song. Connected with

almost every phase
Miss H. G. Toole of farm life is
something beautiful, if we look for it. The day on the farm begins at five, but something The day on the farm begins at five, but something is gained by this early rising. What is it The colors of sunrise have not yet faded from the sky, a belated robin or two pipe a moraing song, the grass upon the laws sparkles with dewdrop diamonds and we drink in more beauties of sight and sound in two hours than the man living midst walls of brick and pavements of stone absorbe in two days—merhans two weeks. perhaps two weeks.

CHILDREN ON THE FARM CHILDREN ON THE DARM.
What an environment in which to bring up a fumily! The city woman locks her children in a back yard that could easily be encompassed by a farmhouse kitchen, and to permit them out of that area means danger to life or morals. Little ones on the farm here the accept of large gardens. to life or morals. Little ones on the farm have the scope of large gardens which hold for them all sorts of de-lights, and the larger children roam unrestrained through field and wood, learning Nature's mysteries and growing stronger and healthier each day.

Many a farmer's son has strength-ened mind and muscle investigating the secrets of the crow's nest in the lofty pine. Many a rural daughter has dreamed dreams of romance on the banks of a babbling brook. Could they fail to be pure, when prompted by her own maiden heart and inter-woven with the music of sparkling

waters?
Father may not wear his hair is
the latest cut, but he is good and tris
and the beauty of summer sunset,
the sweetness of the warbler's sont,
and the strength of the stalwart out,
have passed into the soul. Mother's
gown may not be designed from the
most fashionable style, but she has
the poise, the calm and the tonder
ness taught through Nature by Nature's God. ure's God

But my feeble pen fails to gre utterance save in a faltering manner to my feelings in praise of the fart Let us as sons and daughters of the farm give thanks that the lines have fallen to us in such surroundings.

Orchard and Garden Notes

Final banking of late celery should

Save seed for the best annuals and perennials for sowing next year.
Tulips, narcissi and daffodils may
be planted in pots or boxes now far spring flowers

Nuts for winter use should be gathered now if the matter has no ben attended to before.

Viburnum lantana, highbush cras-berry and snowberry have been loaded ith attractive berries this autum. Celery banked with earth late it the fall seems more palatable that where boards are used. Do not bank when the foliage is at all moist state of the seems more palatable that when the foliage is at all moist state. this will aid decay.

Issued Each Wee

Vol. XXXII.

TOTHING strength a work to do



Laura Rose Stephen ed, his eyes shin agging feet are g Mercury. With ha ly flies down the r mewhere-he has definite object. Ruskin says. The ought without lab

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An intelligent div gning to each hour ing at the proper ing that counts m shelp matters; in fa ay to bring order tentment from st THE OWNER M

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Only \$1.00

Vol. XXXII.

FOR WEEK ENDING OCTOBER 9, 1913

No. 41

The Division of Labor on the Farm TOTHING gives to one such character,

strength and energy as having definite work to do with a definite object in view.

A boy is sauntering idly along the road-a woman hurries down the lane and asks him where he is going. "Nowhere in particular. "Then run to Mrs. Stewart's and tell her to 'phone for Dr. My little Johnny has Dow. just fallen and broken his arm." No need of the added "Please hurry." In a mo-

Laura Rose Stephen ment the boy becomes electriied, his eyes shine, to his erstwhile agging feet are given the wings of Mercury. With hat in hand, he fair-It flies down the road - he is going mewhere-he has definite work with definite object.

Ruskin says, There is no healthy hought without labor, no happy labor sithout thought. That we put no real thought in our labor accounts for each of the drudgery we find in work The only thought about work that many men and women, yes and even he children, on the farm have is hat they can go on and on toiling oth no end in view, nor moment of isure. Life has become to them a ritable treadmill of drudgery.

An intelligent division of labor, asgning to each hour or day its tasking at the proper time the urgent ing that counts most, would greathelp matters; in fact, it is the only ay to bring order from chaos, and tentment from strife.

THE OWNER MUST LEAD

The head of the household,-and I e to consider the man worthy of upying that position-should have own special duties and should see it that he is there to see to them. n't expect the hired man to be up nd doing while the master is snoring bed. The head has to go first and the pace for those who follow. The ster should plan the work and see at everything is in readiness. It is se to talk over ways and means th the boys and hired help. They a become interested, keen co-work

A man I know has failed utterly to in the interest of his help or retain eir services, and this is due to his icence. He never comes down from pedestal to take things over or ask rice. The boys and men on the

Suggestions that Apply Outside as well as in the home

Laura Rose Stephen, Huntingdon Co., Que.

farm like to be consulted. It makes them feel that they are creatures of brains; not mere machines. For best results there should be a division of thought as well as of physical energy.

A MODEL FARM MANAGER

Several times I have visited on a large farm in the West. The father is first up; he sees that the men are roused and that they look after their teams properly. He gets them started to the fields in good time. Then he does the chores; helps milk, feeds the pigs, sheep and chickens, and looks after things in general. He has a workshop with a forge in it; anything out of repair passes through his hands, and many a dollar and trip to town is so saved.

This man has found that the average hired man can not be trusted with the important job of doing the chores—that he is apt to waste the feed, neglect the stock and not look after things in general-nor is it to be expected. The farmer, by doing the chores himself, keeps his eye on all the animals and can thus study their needs. Many small leakages are stopped and things kept in better shape. If wanted at the 'phone or by callers, he is near at hand. And as he is not so

young as he was 20 years ago, he can slip into the house and stretch himself on the sofa while he has a peep at the daily paper. This farmer has no big grouch about farm work or farm help. Each man has his own special work and the farmer his, and all are happy.

SPECIAL DUTIES FOR ALL

The hired help should know what is expected of them. If you wish to keep them content assign regular duties to them, so far as is possible, on a farm. Except in the rush season, have a certain hour for beginning and ending the day. Other businesses are run on these lines and succeed -so can the business of farming. The never-ending day, and not knowing what unlooked for job may be thrust under one's nose, has disheartened more boys and hired men and sickened them of farm work, than any other cause.

As well as a division of labor there must be a division of play. 'Tis so much better that the master should plan to let his sons or help off to the ball game, circus or fair than that they should come to him to ask leave to go. Cooperation, when used in its biggest and fullest sense, is a big word full of big gratifying results. Cooperate in every possible way one with the other. If the day is long and the work hard, have the hay in the manger and the stalls littered-a division of labor that the weary man of the plow will not fail to note and appreciate.

But I must not stay with the men too long. We have still to see to the women and children.

THE WOMAN'S TASK MOST DIFFICULT Oh the women! Their's is a work hard to divide, for in so many cases there is but one pair of hands to do



Assistance Willingly Given for the Good of the Family

This illustration, from a photograph taken in Hirox Co., Ont., opens a much discussed problem. Should the women-folk be expected assist in any work outside the women-folk be expected by the problem of the work of the problem of the problem

everything. Then the division of labor should be a mechanical one, preceded by the jiddicious expenditure of some money. A woman has every right to have proper up to date machinery to assist her and lighten her labors, just as much asa man. A man gets it, a woman gets along without it. Pardon the language—the bigger fool she for so doing.

Let there be a division of labor — the motor washer, wringer and mangle doing their share of the laundry work, the vacuum sweeper, dustless brush and self wringing mop, assisting in keeping the house clean; the coal oil stove, frecess cooker, or new range helping along with the cooking. It is a division of labor all right, and one that needs attention drawn to it, for these are helps often found wanting in the home.

WHEN SEVERAL HELP

If there are a number of women in the home a di-iding of the duties lessena the misunderstandings and confusion and the machinery of the house goes on more smoothly. The duties should be assigned according to the health, strength and adaptability of the workers. Old people prefer to wash dishes, get the fruit and vegetables ready, and do the darning and mending; mother looks after the bread and butter and cooking; while the girls do the room work, fancy baking, setting and clearing away the dining table, etc.

That seems all right; nevertheless I have known it to be all wrong. I have known farm girls who

just before they were married (and they didn't marry in their seems either) had to hurriedly learn to bake bread, make butter, draw a fowh, and not until after they had a home of their own had they ever cleaned a fish or cooked the roast. The defined and resolutely kept, that the girls were dwarfed in their limited knowledge of house work and sphere of usefulness.

We talk and practice rotation of crops for the good of the land; for the good of our girls there should be rotation of labor. A week, or fortnight, or month in the kitchen, then on to the sweeping and dusting and general care of the house, then perhaps a spell in the sowing room, and from there to the laundry and dairy.

I am a strong believer in division of labor, butequally strong is my belief in a rotation of household duties to develop the girl into an all-round good housekeeper. Two sisters, close friends of mine, get up week about to prepare breakfast and do the kitchen work. So often one member of the family is imposed on in this respect and becomes the drudge.

WORK OUTSIDE THE HOME

Some same aphatically — Women should never mi k! Those same emphatic people have too often a very meagre idea of farm life.

Lots of women, splendid women and splendid milkers, would rather sit down to a cow, than down to a darning basket. Why deprive them

of the pleasure? Conditions only can solve this problem. Where a number of cows are kept and only one man on the farm\(^1\) and several women, it seems but right they should do a share of the milking. On the other hand it is imposing on an overwrought busy housewife to ask her to go to \(^1\)

Again these emphatic people say, "No man with any self-respect or consideration for his women folk will have them work in the fields." Both at home and abroad, in the east and in the west, I have seen women at work in the meadow, the vineyard, the orchard, the harvest field—cher fully, willingly helping the men at times when all hands seemed necessary to safely garner the crop.

Often the tillable acreage is small, requiring no hired help. When the few extra busy days come the women give their aid, nor do they mind it for they have been used to so doing since girlhood.

THE OUTSIDE PROBLEM SUMMARIZED

We do not advocate nor perhaps approve of see ing women in the fields, believing that the strain of the work is too hard for them, and that they have enough duties to see to inside the home. Still there is a pleasing, helpful, cooperativeness about seeing a man and wife or grown-up daugh ter drive off together to the hay field. We do well to consider all circumstances before passing harsh judgment.

(Concluded on page 27)

Plants the Uabole Uainter Through

GAIN October comes, and the changing sea son, with shortened daylight, is plainly visible. What a beautiful month October is, with its varied colorings of tree and shrub!

There is already a change in the aspect of Nature as if the wonderful growth that has had its day is the fact of the control of the co

the wonderful growth that has had to day in ready for a rest. More than once have we felt the touch of frost in the air, touching the vines and withering their tendrils.

"O thine is a wonderful kingdom, October, and thou art a queen, Fit to rival the glowing Egyptian

In splendor and queenliest mien.

The frost king, an enemy strongest,

May conquer thy realm with a blast,

May conquer thy realm with a blast, But thou, in thy dying remainest, A sovereign and queen to the last."

GOOD FRIENDS WHEN OTHERS PAIL.

Precious seem the later flowers, and how thankful we are for the more hardy varieties, such as the asters, stocks and the pansy, for they have withstood the early September frost, and have gained vigor with the rain, and bloom cheerfully on, locking more brilliant than ever, since the more tender plants have been nipped and

withered.

I hope none of our house mothers have left the task of reporting for winter too late, or some of our most beautiful plants will by this time have come to grief. I am sure very few of us were prepared for the early frost of September the thirteenth.

I find by my experience that the proper method is to grow the plants out of doors all summer that are to bloom in winter, nipping off the buds, as by that method there is a surety of flowers, instead of saving plants exhausted by the summer's blooming. It is always a question of what shall we save, for the tender-hearted flower lover has compassion upon all the flowers in her garden, and naturally would like to shield them all from the frost and cold. We should not save more

A Lover of Flowers, the Wife of One of Canada's Leading Dairy Farmers, tells Idow She Makes the Interior of her Idome Attractive and Beautiful, even In Winter. Pointers on the Idandling of Common indoor Plants and Flowers.

Mrs. J. W. Richardson, Haldimand Co., Ont.



Good Type of Window Garden

What woman is there who does not appreciate the charm that flowers give the winter living room? A conservatory may be expensive, but a window of the type shown in the illustration herewith is satisfactory for flowers and within the reach of all.

than we can properly accommodate, as flowers should not be crowded, and must have fresh air, light and ventilation.

INDOOR PRECAUTIONS.

One of the main points in the successful handling of house plants is to give them a moist atmosphere, and arrange them so that the sunloving plants will get the sunshine, and the shadeloving plants the shade. Cold draughts are very injurious to plants, so ventilate from the tops of the windows unless the weather is mild and warm.

Since our house is heated and lighted throughout with natural gas, we find it necessary to study Teading
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and select plants for winter
growing that will thrive is
gas-heated rooms, as the az,
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nace every day, and to sprinkle the plans with topid soft water every night. By sprinking at night, the plants are dried off before morning and there is no danger of the sun spotting the leaves. However, some plants should not be sprayed, such as the Rex begonia, owing to the trough nature of the leaves, and care should be taken not to spray the bloom of plants. Spaying also helps to keep them clean, and lessens the danger of insect peets.

A FLOWER FOR AMATEURS.

Geraniums are general favorites, and seldon fail the amateur, on account of their easy of ture, and thrive best in the sun's full rays.

For winter gardening I have been most or cossful with begonias. They require little atention, and are seldom attacked by insets. They thrive well in a north or east window, with very little sunshine, too much sunlight bleading the leaves. I water plentifully, then not again the leaves. I water plentifully show here is a larger with the leaves of the beaves dropping. I now have 14 Brust. Angel Wing and varieties, and find the Paul si the Manienta are some of the best varieties. He latter grows to an immense size, the leaves so beautifully marked and spotted, and of a this leathery texture. The tall, delicately coled bloom makes an attractive window decoration.

I also take up a few healthy coleus and r tience plants. They delight in a sunny situates and in March take on a fresh growth, and is ways have an abundance of slips for spin planting.

NON-BLOOMING PLANTS FOR WINTER.

A few of the non-blooming plants that I is thrive well in the winter are Boston and Aspa

" (Concluded on page 9)

Eln THERE

ing pos way of and outward that may be home. No r promising the be, or how ble may appear, in make it more every way a m The thing is

The thing is of making im, what is desiral mind's eye hou is made. Be Dairy readers resent that ha W. Waite, of home, I was graphs of some with in this SJ. While it is

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I might be sayi of St. George, least most diff cult, to find an other commun ity in Ontari wherein mixe farming is praticed and bette homes are to b found in suc large numbers Amongst th farm home about St. Georg are to be found many that ar expensive, and quite out of the reach of any body but well to-do or riel folks. Yet from amonest then all the old "Waite" house. remodelled and repainted, stands out singularly attractive; recently it has been singled out by many as the most attractive

farm house on

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1913.

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An Old Bome Made Modern and Attractive HERE are most invit-

ing possibilities in the way of improvements and outward attractiveness that may be given to every No matter how unpromising the old house may be, or how bleak and bare it

may appear, there is much that can be done to make it more homelike, more inviting and in every way a more desirable place in which to live.

The thing is to know how to go about the work of making improvements. One needs to know what is desirable and also be able to picture in the mind's eye how an improvement will look once it is made. Because of their value to Farm and Dairy readers in this connection, the improvements that have been made by Mr. and Mrs. J. W. Waite, of Brant Co., Ont., on their farm home, I was prompted recently to take photographs of some of them to have reproduced herewith in this Special Household Number.

While it is my old home community, and I therefore must be somewhat modest in anything I might be saying of the farm homes in the vicinity of St. George, it would be perhaps impossible, at

least most diffi cult, to find another community in Ontario wherein mixed farming is practiced and better homes are to be found in such large numbers. Amongst the farm homes about St. George are to be found many that are expensive, and quite out of the reach of anybody but wellto-do or rich folks. Yet from amongst them all the old "Waite" house, remodelled and repainted, stands out singularly attractive; recently it has been singled out by many as the most attractive farm house on

What One Woman and her Husband Bave Accomplished, at Comparatively Little Expense, in Remodelling an Old frame farm bouse, and making it one of the Most Inviting Places in the Community.

Chas. C. Nixon, Brant Co., Ont.

As will be seen from the illustrations the house is a frame structure of a type very common in the olden days. It had plain old-fashioned windows; and as I remember it there used to be an old-fashioned tumble-down verandah at the front. Behind the main part of the house there used to be one of those barn-like combinations of kitchen, summer kitchen and wood-house. The lawn, if there was anything that could be called a lawn, was practically as nature left it. A few old apple trees, badly in need of pruning and other good orchard management, were the main adornments for shrubbery and for shade.

Now note the improvements that have been made since those "Good old days!" First of all, notice the main illustration of the house, showing the new front porch, also the comfortable verandah at the end of the house. Note the balcony

above the porch and also the spacious one above the verandah. Note the alcove or dormer window in the cen tre front of the roof, which altogether changes the appearance of the old-time

house. The glass in one large pane, with the colored lights above, for the windows of the first storey of the house, and the two big lights in each of the upper storey windows are most noticeable.

The closer view, showing the other end of the house, gives a better idea of the front porch and of the windows. It also shows the bay window, which has recently been built on, lending a charm quite distinctive to the outside appearance of the house and making a delightful transformation in the parlor inside. The vines, the shrubbery and also the cement walk with the steps down the terrace, to be seen at the extreme lower right of the illustration, are each worthy of notice.

ATTRACTIVE EVEN OUT BEHIND

Then let us go around and view the back of the

house where so many people would not have one go, especially with a camera! Note the tidy porch in the illustration, which makes such a beautiful set ting for this rear corner of the house. Note the vines and flowers and the cement walk leading into the kitchen; also the perennial border close to the wall. As I commented to Mrs. Waite on the unusually attractive a ppearance of her home, and expressed my surprise and delight at finding it so nice and even (Continued on page 11)



Once Unpretentious, New Attractive-Read How the Change was Wrought, in the Article Adjoining.

Overcoming Bard Work by Machinery

Wash Day Made Easy in Two Homes by Harnessing the Gasoline Engine-The Churning Likewise.

WAS delighted recently as I chanced to call at the farm home of Mr. Jas. Currie, in Waterloo Co., Ont., one Monday morning - wash day-and found Mrs. Currie happily engaged at the weekly wash. I use "happily" advisedly, because her washing machine was being driven by

the farm gasoline engine! Just how the thing is accomplished in getting the power into the kitchen may be seen at a glance from the three illustrations reproduced herewith. One illustra tion shows the little power house, wherein is a small gasorine engine, which cost but \$95. From it to the left is a line shafting extending probably 80 feet to the well at the barn, where the pump furnishes water to both the house and the barn. From the right of the little engine house may be noted a rope transmission drive leading up to a window of the kitchen. Inside note the power attached first to the washing machine, then to the churn, both of which are set slightly sidewise in order that they

Most women folks have had experience at the old wash tub and with the washing machine; a great many are not unacquainted with the work of churning! All will appreciate just how much labor Mrs. Currie has been saved during the last five years through having her washing machine turned by the gasoline engine!

might be photographed.

When so many women folks might just as well have all of their work of churning and washing done by means of power, I have often wondered just why it is that more of them do not insist that in the farm home they share in the labor-savers, which all progressive farmers are installing and would not do without in their barns!

At Mr Currie's, the only cash expense for this The equipment was for the gasoline engine. wheels are old ones that were available, or they were carved out of wood at home on the farm .-N. C. Campbell, Brant Co., Ont.

How to Make Wash Day Easy

H. Percy Blanchard, Hants Co., N.S. HAT handy little "chore boy" about the farm, the light power gasoline engine, is finding that it can work as well for the ladies in the house as for the farmer himself around the farm.

Passing by the valuable work the 1% h.p. engine will do in the barn-running the cream separator, grinding roots, pumping water, etc .the call comes for "Little Hustler" to move down

on Monday morning to the kitchen or the shed nearby, to oblige the ladies.

Everyone knows what Monday morning is, or used to be. It is "wash day" (accent on "day"), and all day at that. But not for us of late, thank you. "Little Hustler" does his little stunt,

and long before dinner time the clothes are on the line.

We first purchased an automatic washing machine. Care was taken to get with it a belt wheel that would suit the speed of the engine. We wrote, in ordering the washing machine, that we used a 1% h.p. motor. INSTALLING THE MACHINE.

The washing machine was first fastened firmly to the floor: then the engine aligned with it so the belt would run straight. This needs a machinist, or someone who understands. Once the engine is set, slats nailed around it to the floor will fix its position, and it can be removed and again put in place inside the slats with no trouble. A little powdered rosin on the belt prevents a slack belt slipping.

When wash day comes, the engine being in place, the tub of the washer is filled with clothes; a chunk of soap added, and boiling water poured in. The switch on the engine is closed, oiler turned up, a squirt of gasoline thrown into the air inlet. Then the girl in charge takes hold of a little handle and whirls the flywheel around, and then off starts the engine. It is all so easy that a young woman looks after the engine without any more question than running a carpet sweeper.

A WORK OF FEW MINUTES. The engine started, a lever on the washer is pushed, and Wash day has been made easy in the home of Mrs. Jas. Currie, Durham Co., Ont. Churning too has been lightened by the proper hitching of the gasoline engine to this household task. How it is done is described in an article back and forwards a dasher begins to work in the tub, until in from five to 15 minutes the clothes are washed. The dasher is now thrown out of gear, and the

cover of tub lifted.

Would That More Were Thus!

On the side of the washing machine is a wringer, also driven by power. A small lever controls the wringer so it goes forward, stops, or backs. With lever ahead, the clothes are lifted from the scalding water and steered through the wringer, the white clothes probably falling into a basin containing blueing water. When all are through, the cover is closed, the wringer reversed, and the white clothes wrung from the blueing water, and then carried to the line to dry. It is so guickly done! And not an effort that even the weakest might not put forth.

CONSERVING HOT WATER. The cover of the tub being almost always closed, (Continued on page 27.)



A Source of Power for Kitchen Work Inside this decidedly unpretentious structure is the gasoline engine that runs the churn and washing machine and pumps the water for the Currie heas in Durham Co., Ont.

City or Country for Educatio

Mrs. Jas. Wilson, Halton Co., Ont.

7 HEN my husband announced, over a dozen years ago, that he had at last secured a small farm that just suited him, and that we would move to the country forthwith, I was in despair. I had been brought up on a farm and had an intense love for country life, but I was cearful of the effects of a country environment on my children. I placed great value on the educational opportunities of the town. I placed too great value or the polish that town life seems to give to bon and girls.

My dozen years in the county have given me a new perspective and I have learned some great truths that I believe should make every country mother content. I have found that the best man or the best woman is the one that grows from the inside out and not from the outside in.

I don't refer to physical growth. I refer to mental, moral, and spiritual attainments.

The city boy as I remember him and as I still frequently see him, grows from the outside in. Right from babyhood he has plenty of playmats and is constantly brushing up against other children. Unconsciously the child imitates his or her playmates, is robbed of personality, and while the city child gains thereby a polish and readiness of tongue, it is at the expense of real development.

WHERE INITIATIVE IS DEVELOPED.

The country child must of necessity develop from the inside out. Playmates are few, amuse ments must be manufactured at home. Conse quently the child develops initiative, the ability to think for itself and do things for itself, and these are the qualities that make for success in the world.

I once heard an Institute speaker express the same idea in this manner. He compared child ren to rocks. Take a heap of rocks, he said, broken from the original boulder, and they are rough, irregular, and sharp-edged. Each rod has a shape of its own and characteristics of its own. Put those rocks in a box that is constantly revolving, and in time, by rubbing against ead other, all of the sharp edges and irregularities will be worn off. Each rock will be smooth, as each rock will be exactly like its fellow. might say that they will lack personality.

There is the difference between my country boys and your country boys and most city boys

own. So hav lacking in a c We country get that pers children are there is under alities. In th most of the e Many were re manner and a

When I can ties that the c had led me wo ately made pla kind of person is to live your ren live.

Children wh who hear shar parents, and

> The Y husbandook. I

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house in groce

myself and chil

my husband giv if not, I go wi have it, I give has as much rig as the man . - M Mrs. J. E. AM glad tha the subject of

pleased to g husband's, as his Previous to m I had my own thought I would that would be m the matter, I to But that was not married me he to as partners we s said, "There is t I do not expect foolishly; but tal I saw his point of to me to live up



Our boys have a personality that is all their own. So have our girls a personality that is lacking in a child of city breeding.

We country mothers, however, should not forget that personality is not everything. Our children are bound to develop personality, but there is undesirable as well as desirable personalities. In the district of my childhood home most of the children had developed the former. Many were rough and almost uncouth in their manner and absolutely uninformed.

When I came to realize the great opportunities that the country life into which my husband had led me would give to my children, I immediately made plans for the developing of a right kind of personality. Of course the main factor is to live yourself as you would have your children live.

(hildren who hear coarse language at home, who hear sharp words exchanged between their parents, and who see everywhere evidences of

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slovenliness and carelessness, will soon be using sharp words themselves and will be slovenly and careless in their appearance and manners. These are some of the small points that we parents must always pay heed to in developing the right personality in our children.

Nor have I found the absence of public libraries and high class schools a disadvantage in our country home. I believe that the biggest aid to the development of personality is a well-stored mind. And a well-stored mind is not the result of omnivorous reading of recent fiction, such as the town child ever finds ready at his command at the nearby public library, but the careful reading of standard books and magazines. would much rather give my children access to a few standard novels, such as those of Scott, some of the works on political economy, such as those of George and Mrs. Fawcett, another on Nature Study, and access to such magazines as "The Outlook," "The Canadian Magazine," or

'The Literary Digest.' Of course, I would include in their list of reading good agricultural books and the leading farm papers. This reading, of course, after they have passed the story-Jook stage.

(7)

Such reading as this I have observed will do more than anything else to develop a strongthinking man or woman. I believe that my children have had an advantage in their reading in living in the country. In the town there are so many things to detract from attention to reading that children grow up without the power of concentration.

And finally, let me say that the reading found in our library is above all other things the source of our contentment. One with a well stored mind and a well filled bookcase or magazine stand, does not need to worry because of lack of many companions and places of amusement. Satisfaction of a much higher character and most lasting may be had as the fruits of reading.

bow Shall the Income be **Apportioned** Several View Points on what is often a Burning Problem.

Y husband and I each have our own pocket-book. I have all the proceeds of the butter and poultry, and with this I keep the house in groceries and home linen and clothe myself and children. When I have not enough, my husband gives me what I need if he has it; if not, I go without. If he needs money and I have it, I give it to him. We think the woman has as much right to the handling of the money as the man. - Mrs. Thos. McGin, Grey Co., Ont.

A True Partnership Basis
Mrs. J. E. Caldwell, Carleton Co., Ont.

AM glad that Farm and Dairy has taken up the subject of the farm pocketbook, and I am pleased to give my idea of it, and also my husband's, as his ideas and mine correspond.

Previous to my marriage for five or six years I had my own money, and when I married I thought I would still like to have a stated sum that would be my very own. When we discussed the matter, I told my husband what I desired. But that was not his idea. He said that when he married me he took me into partnership, and that as partners we shared alike in the business. He said, "There is the cash box; take what you need. I do not expect you to spend extravagantly or foolishly; but take what you need." And I did. I saw his point of view and I also saw it was up to me to live up to my husband's trust in me. That was years ago, and we have yet to have matters. Whatever was sold on the farm went

into the one pocket. book, and I am sure I did not spend one dollar more (and maybe less) for having the privilege of taking what I needed

Men make a greet mistake when they put their wives in the humiliating position of having to ask for every cent they needand very often refuse to give it even when she has lowered herself to ask for it. It certainly lowers a woman in her own estimation to have to beg for what should be hers without the asking. And what, perhaps, is worse, it lowers

the husband, too. He loses something more precious than silver or gold or houses or lands when he loses the respect

> There are few women who would not be so proud to feel that her husband trusted her business ability and good judgment that she would do her utmost to spend all money to the very best advantage for both. And I think we all understand that if the firm we belong to is not prosperous we are not. And why should my husband think I would not

of his wife.

our first unpleasant word in regard to money afraid many men are penny wise and pound foolish, for depend upon it, no man loses when he

A Home Built by Two People Who Are Really Partners

This is the home of Mr. and Mrs. F. V. Woodley, Norfolk Co., Ont. In this home, as in the homes of the other competitors in the inter-provitical Prize Farms Competition conducted by Farm and Dairy in 1941-23, the splitting operation and mutual help-falness was one of its most attractive features. Mr. and the splitting of the province of the provinc

has married a good woman by trusting her. And I am sure there are few men who will admit he is not capable of selecting a good woman for his

In the greatest of all books we are told that "In a good woman the heart of her husband may safely trust, and she will do him good and not evil all the days of her life."

The Principle of the Farm Partnership Mrs. Constance E. Hamilton, Peel Co., On Marking is usually regarded as a passible ship and the business undertaken establishing of a home. While the usually provides the material for the home, woman is called the home maker and brings to the establishment that peculiar indefinable atmosphere without which no house is a home.

The man earns the living, while the woman in marrying resigns her liberty as an independent wage earner, but becomes none the less a worker and provider. Business partners usually share alike financially. Is there good reason why this marriage partnership should be conducted differently?

Let the husband and wife divide the finances (Continued on page 22)



Another Home Built on the Partnership Plan

This fine farm residence is the home of Mr. and Mrs. J. C. Bales, York Co., Ont., use our money care-these farm was a successful competitor in the Inter-Provincial Prize Farms Competi-fuel. If there is any place where husband and wife can help each chief is on the farm. In fact, well rounded success such as that attained on the Bales farm is made interests my inter-possible only through such cooperation.

—Photo by an editor of Farm and Dairy. ests? But I am

Buy from the factory.

Save the Agent's profit

When it comes to fitting up the dairy stable you can eave money by getting in touchwith DLLON'S. Dealing direct by mail with blLLON'S. Dealing direct by mail with the factory cuts out the middlement and agently profiles. You can buy your stall equipment and staundirect interesting prices—as low in fact, as the largest agent would have to pay—and the bast qualify goods at that.

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price we pay for whether pream?
We take all that you can produce.
Furnish cans for milk.
Pay on the 19th of each month.
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Make up your mind at once.
We are receiving applications now.
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He will demonstrate the Sharples to you—the unequaled skimming power of its wonderful tubular bowl—the bowl that has only 3 simple parts, which naturally makes the washing and cleaning a very simple matter.

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of farmers and dairymen for 32 years. Write for our Separator literature. And if you do not know our nearest agent, mention the fact in your request.

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If you milk twenty or more cows, the Sharples Mechanical Milker holds out wonderful new prospects for you. Write for catalogue.



Poultry Keeping for Egg Production "Primrose," Northumberland Co., Ont.

My flock of hens, averaging be-tween 250 and 300 birds, are princi-pally White Leghorns, although I ave a number of Spanish Anconas, white Minorcas, and a few not so well bred. For several years I have got eggs from my flock every day. One year for a number of weeks I gathered between 92 and 98 dozen

weak After gathering the eggs, I take considerable care in making them look as attractive as possible. I put them in a pan and wash them, using baking soda to remove any stains that will not come off with water. Then I have another pan of water ready, and after the second washing the eggs

and after the second washing the eggs are placed on a platter on which a cloth has been laid, and they are left there to dry. I wrap each egg in tissue paper, put them in sections, and send to Montreal. In this way there is no middleman's profit. I feed my poultry wheat, turnips

I feed my poultry wheat, turnips, cabbage, mangels, pumpkins, decayed apples, apple skins, potato skins, meat—in fact, all the refuse I have from the house. They also get all the milk and clean water they can drink. I find that the more milk my hens get the more eggs they lay. The drinking vessels are cleaned every day. I have tried feeding the hers buck

wheat with very little milling wheat, but did not get as many eggs. I would not advise anyone desirous of getting eggs to feed either buckwheat or oats. I feed my flock a pail and

POULTRY VARD is not very profitable. If I were rais in for which were the middle man's profit. Taking everything into consideration, however, I have found poultry keeping a profitable husiness

Feminine Poultry Wisdom

Ada M. Leeson, Elgin Co., Ont.

My poultry are Rhode Island Reds My poultry are Rhode Island Red. At present I have over 100, having dis-posed of my early chicks. I consider this breed to be one of the very best for egg production, especially for winter layers. They are also a nice table fowl, although perhaps or quite as large as some of the other breeds. breeds

I believe in early chickens. They are more profitable because they command the highest price, and also make the early winter layers. I ship my chicks to Toronto. This year I was unable to ship as early as usual shipped in August, and the chicks averaged about four pounds each. The price at that time was 17c a pound live weight.

rolled oats and baby chick feed uni old enough for grain. Then I feed wheat almost entirely, with plenty of fresh water or skim milk. I have he

keep only the spring pullets. Last year my hens laid all winter, and nearly all our neighbors were buying or using packed eggs.

During the winter I feed wan mashes quite trequently in the moring and grains, chiefly wheat, a night, with green feed such as sugabeets, cabbages, and so forth. Ad-



What Would Become of Our Poultry Industry Were It Not For The Women-Foli

Mass Ada Leccon, Eigin Co., Ont., who may be here seen along with her turior and Rhode Island Red fowls, is one of the thousands of farm women whose or bined efforts bring in an annual income exceeding 855,000.00, Miss Leccon few the Rhode Island Reds because of their laying propensities. But you can get we own ideas in her own words in an article on this page of Farm and Darri.

a half of wheat a day, morning and

In the winter and spring the hens get all the coal ashes, and in the fall a load of grayel is placed within easy access. Whenever I have trouble with the hens eating eggs, I feed them egg shells that I keep in a bag for the egg shells that I keep in a bag for the purpose, and that seems to stop the habit. They have access to a box of them all the time.

For several years I have sent to the For several years I have sent to the States for eggs for hatching. In this way I have got some fine chickens, although many of the eggs are infer-tile. I consider that buying Ameri-can eggs is profitable, however, as the hens seem to be better bred and are grand layers.

grand layers.

I usually use an incubator to raise chickens. I do not think much of breeding pens, and believe the eggs do not hatch as well as if the hens are allowed to ramble.

When I wish to dispose of fowl, I

When the chickens are small I feed

good results with chicks fed in this I do not keep my hens

of course I always have plenty

gritt and water on hand.

I believe that light and fresh a are two essentials in a poultry hous I am sure that any woman or g who goes into poultry raising a find it pleasant and profitable.

Query re Blackhead

Is there any real cure for blackbeat turkeys? There is a woman in our set borhood who has a cure, but will a divulge it. It is in the form of at tablets, and comes from the United Sea -V. M. M., Lanark Co., Ont.

As far as I know, there is no d for blackhead when poultry have s got the disease. There may be number of so-called remedies that number of so-called remedies that belp ward off the disease so that few apparently recover. If the were a sure remedy it would be worn any dollars to Canada. At prefix to the control of the control of

October 9. Quirks on Pe

Bessie M. Me I usually ha hens in my c dating about are 12 feet so inches high. T

three and a l for the use of clucking house setting hens, b hens in when the setting. Two the roost boar



"The Proof

Are women nature visit to the farm Victoria Co., Ont., so. The large floc on the farm is em Bessie Main. who methods in the Photo by an edit from it' serve

place made unclucking apartn and are made 18 inches high, the into four nests. front comes down fastened back in a hook and eye. nest from the ba

A water basin tition 12 inches basin supplies two the pens have a do with an outside a 12 feet wide.

All floors are ter sets in, we s and about a foot the sand.

PR In summer tin rain in the morn

at noon and a r mixed with cold milk. I also add a sone to this mixt ure to have thes I make a prac ing winter. I pla again six weeks b ect eggs for hatel when male birds hey will fight. T lown their spurs. ns, I always pu ith old hens and ung pullets, ha ale bird.

Every poultryma He should var with lice and

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ers, but it were rais ship them middle ything inprofitable #

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isdom lo., Ont. land Reds. having dis I consider e very best ecially for

also a nice rhaps not f the other ens. They e they com-and also ers. I ship This year I ly as usua the chicks

small I feet k feed until Then I feet th plenty of I have his is over, but illets. Last winter, and were buying

feed warn in the mon-wheat, at ich as sugar forth. And

Women-Fol! h her turks en whose con Leeson favor can get h ve plenty

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or blackhesis in our mer, but will a form of white United Smant. ere is no d

re may be ease so that er. If the would be well a. At pro C. Elford, ndman.

Quirks on Poultry Management

Bessie M. Main, Victoria Co., Ont. Bessie M. Main, Victoria Co., Ont.

I usually have aboug 200 laying
hens in my charge, såd have them
divided into pens, each pen accommodating about 13 hens. These pens
are 12 feet square and six feet 10
inches high. The roost board is 12 by
that the same of the same of the same of the same
Three feets are the same of the same

clucking houses are not meant for setting hens, but are used to put the setting nens, but are used to put the hens in when they are not required for setting. Two sticks or scantlings nine feet long running lengthwise of the roost board and one foot up



"The Proof of the Pudding"

Are women naturally poultry experied A usit to the farm of Logy McKe in the control of the contr

from it serve as perches. A place made underneath this roost board at the opposite side from the board at the opposite side from the clucking apartment, accommodates the nests, which resemble a drawer, and are made 15 inches wide and 14 inches high, the length being divided into four nests. The door on the fust comes down on hinges, and it is fastened back into place again with fastened back into place again with a second of the companion of the com-tained of the com-tai

basin supplies two pens. The front of the pens have a door and two windows, with an outside run 96 feet long and 19 feet with the control of the pens have a door and two windows, 12 feet wide.

All floors are cement. When win-ter sets in, we scatter a couple of wheelbarrows of sand over the floors, and about a foot of straw on top of the sand.

In summer time I feed my hens grain in the morning, raw vegetables at noon and a mash consisting of as noon and a mash consisting of bran, oat chop, corn meal and shorts, mixed with cold, soured separator milk I also add a quantity of ground bone to this mixture. I always make sure to have these mashes thick and ell mixed together.

sell mixed together.

I make a practice of having the male birds separated from hens during winter. I place them in the pensagain six weeks before I start to colect eggs for hatching. In most cases shen male birds are placed in a pen hey will fight. To prevent this I cut flow their spurs. When I am puting the male birds back with the sen, I always put young male birds with old hens and old male birds with old hens and old male birds with all birds.

Every poultryman should be a mili-ant. He should continually be at var with lice and mites.

Original and Otherwise

A variety of grain is always pre-

Ferable to an unmixed ration.

Lice can become great grandmothers in 24 hours. Hence fight them constantly or they will get the start

Did you sprinkle the floor of the hen house two or three times a day in the hot weather last summer? If not try it next.

Did you compare your poultry with those at the agricultural fair? It is sometimes hard on one's vanity but a stimulator nevertheless.

a stimulator accertheless. We suppose all of the dusklings have gone to market long ago. There is no profit in keeping them over 10 or 12 weeks. If you still have they are eating their heads off.

The chicks are getting too large for their small over crowded coops. It's about time to be getting the pullets into winter laving quarters. They will do better separated from the male hirds.

Plants the Whole Winter Through

(Continued from page 4.)

gus ferns, kentia belmoreana palm, anthericum, rubber plant, and the aspedistra; the latter resents too frequent watering.

In repotting geraniums, bulbs and strong growing plants, use one part of sar-nig growing plants, use one part of sand to eight or ten parts of soil. For begonias, fuchias, coleus, palms and dracenas two parts of leaf mould can be used in addition to the sand, Water newly potted plants liberally once, then sheds for a few days. Too much water size was a few days. Too much water given newly potted plants often does them harm.

A POINT NOT TO BE NEGLECTED

The drainage of house plants should be attended to regularly. Many plants die from over-watering, and from standing in water in the saucers.

In a short time you will notice the In a stort time you will notice the leaves turning yellow and dropping off. Plants in pots set in jardinieres should be examined every day, as the water becomes stsgnant, and soon injures the plant. It is a safe plan to lift them out of the jardiniere over nicks.

night. For winter bloom we find the For winter bloom we find to our gas heated rooms. We have tried the azaleas and poinsettias, but without success, as they require greenhouse facilities.

To have success with bulbs it is necessary, first, to have plenty of drainage; second, to give plenty of time for a strong root growth before forcing; third, to have the right kind of soil with the control of soil with th of soil, rich, yet light and porous. Failure in not giving sufficient time for root growth is sure to bring dis-appointments. Nearly all of the bulbs appointments Nearly all of the hulbs require at least six weeks, but 10 for better, to develop strong roots before being forced. I have not beer recessful with freezias, but hyacisths, both single and double, are very satisfactory for feering. The paper white narreissus is a great favorite, as it requires less time before blooming than some of the other varieties. The double daffodil and tulip, two or three planted in a four-inch pot, make a pretty decoration for the table.

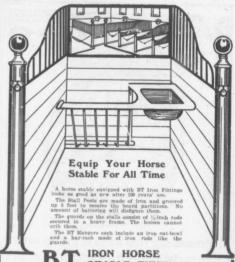
A POINT IN POTTING BULBS.

A POINT IN POTTING BULBS.

When potting bulbs, examine each one, and if there is a crust on the base, cut it off gently, or the strength of the bulb will be exhausted by the efforts of the root to get through. When ordering bulbs, order early, and assure the base and secure the best.

and secure the best.

It is not necessary to plant all at once, but arrange to have a succession of bloom. What is more cheery during the winter months than a few pots filled with bright colored hyperints, crocuses, tulips, or jonquils?



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My plan is to

When the reque it struck me as able subject. (is my observat for the best ga begin about now can see the hir

garden.



Presenting two ways to get up early

on time.

Big Ben will get you up on the in-stallment plan, a little at a time, by ringing every other half minute for ten minutes, so you'll wake up gradual-by. Or he'll do the whole job all at once, with one long, straight, five-

minute ring.

You can set him to do it as you choose, and thut him off short in the middle of his call either way.

That makes him Fuvo good clocks in one, to suit everybody's taste in early rising.

early rising.

He plays no pranks. He won't go
off before it's time and rob you of
your full measure of sleep. He won't
go off behind time and rob you of
your work time. It's Big Ben's business to run on time, to ring on time and to stay on time.

Big Ben attends to his own business

A NEW MARKET FOR PRODUCE FROM CANADIAN FARMS

A Synopsis of the new United States Tariff Regulations and a Forecast of what they may mean to the Canadian Producer.

THE Underwood Tariff Bill has become law. One stroke of President Wilsons, pen has one to the tender tender the tender HE Underwood Tariff Bill has

Canadian live stock men will be the first to benefit by the new regulations, as will be seen by the follow-

parts of Western Ontario can ship parts of Western Ontario can ship-more cheaply to Buffalo than to To-ronto. Cattle men of Western Can-ada have been using the Chicago market steadily in spite of the duty Dairymen, too, will benefit by the new regulations. Milk and cream, formerly taxed at two cents and live

formerly taxed at two cents and aw cents a gallon, now crosses the bor-der free of duty. This will be of great advantage to dairymen living near the border who have had a lucrative trade in cream with the United States in spite of the old duty. Bu-ter and cheese, formerly taxed at six cents a pound, now enter at two and one-half cents. Expectations of the passing of the bill have bolstered up the butter market at Montreal for

N	EW	U.S.	DUTIES	AND	OLD	AS	THEY	AFFECT	FARM	PRODUCE

Former U.S. New U.S.	Former U.S. New U.S.
Article Duty. Duty.	Article Duty. Duty.
Cattle 82 head to 27%%Free	Apples, pears,
Horses 830 to 25%	peaches, plums. 25c bush 10c 50 lbs.
Poultry, live 3c lb	Beets 250 bush 5%
Poultry,dead5c lb2e lb.	Berries
Sheep 750 to \$1.50 eachFree	Grapes, cub.ft. 25c Free
Swine \$150 each Free	Hay 25% \$2 ton
Barley 30c bush 15c bush.	*Potatoes 25c bush 10%
Barley 300 Bush 150 Bush.	Turnips 25% 15%
Beans 45c bush25c bush.	Veg'ables, fresh 25% 15%
Buckwheat 150 Free	Cream 5c a gal Free
Corn 150 Free	Milk 20 a gal Free
Oats	Butter. 6c lb 2½c lb.
Peas 25c	Cheese. 6c lb 2½c lb.
RyeFree	Uneese 50 10 2720 10.
Rye	Eggs Free
*Wheat	Bacon 4c 1b Free
Bran 20% Free	Beef 11/20 lb Free
*Wheat flour 25%	Pork,fresh1%c lb Free
Wilder address of the design that	will be removed when the duty that

These are countervailing duties that will be removed when the duty that Canada imposes on the same products coming from the U.S. are removed.

ing comparison of top prices on the Toronto and Buffalo markets at the end of last week, previous to the sign-ing of the bill.

ing of the one.	Toro	nto.	Buffe	ilo.
Export cattle, choice		35		00
Butchers choice		00	- 8	65
Heifers, good to choice		25	7	50
Butcher cows, choice	6	00		75
Butcher bulls, choice	5	75	7	50
	4	25	- 5	23
	- 7	00	- 6	00
Cutters	3	25	4	2
Canners			110	
Milkers, choice, each		00		
Springers		00	110	00
Calves, veal	9	25	12	-00
	7	00	7	85
		00	- 5	2!
Sheep ewes		15		20
Hogs, fed, watered	. 9	10		41

Hegs, ited, sastered ... 19 June 19 Ju but in that time the number of cattle other than dairy has decreased from 51,000,000 to 36,000,000 head. Many

some weeks and large stocks at t present time as being held by United States dealers in storage at Montreal Instead of being dumped on the Canadian market, this butter will now cross the line. The range in cheese Canadian market, this butter with moreors the line. The range in chees prices is all the way from two to fix cents in favor of the American macket, and this difference should have an influence in brightening the some what dull aspect of the cheese bus-ness in Canada at the present time. In fact, considerable cheese has been going from Western Ontario points the other side at the old rate of six cents a pound.

The United States has given us an

opportunity to meet them half way on the wheat question. As long as on the wheat question. As long a we continue to collect customs duits on United States wheat coming into Canada, they will levy a tax of it cents a bushel on Canadian wheat evering United States. As soon, however, as we untax their wheat, Camera, where the United States amounts of the United States will be soon to be under the United States will be soon to be under the United States will be soon to be under the United States will be under the United States wil need Canadian hard wheat for blent-ing with the soft wheats of the Unite States. Grain Growers' Association are already urging that the Canadian government do away with the preset duty on wheat, which is of no advat-tage to them and thus give them fine entry to their nearest and best may

Perhaps one of the greatest beek fits that will be bestowed on the Canadian farmer by these new rates Canadian farmer by these new rate is that he will always be sure of stable market. Slight increases shipments of any line of farm ps duce are liable to glut Canadian makets. There is much less danger of glut where the Canadian profoso has a choice of two markets and on the control of the co of them with 90,000,000 people table on this page gives the new and old rates imposed on articles that b rectly interest the farmer.

DON'T PUT OFF Seeing your friends, and have the subscribers to Farm and Dairy.

4 DRESSES \$1

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ROOFIN

tables grown a

does not need to a saround the home in years from the ht of fully 30 feed to the home de

Out in the will find the po through the win cabbages, pa so forth. ch is my specia all, only about 40 od at the side of ir the kitchen doo I make a spe asparagus beds n stuff from ver Lettuce and n the hot bed alon

atoes, cabbage, cary plants. I could bout my hot bed, a that the time to one is right now. our home garden rows of early pot we would like to l you over notice is put off from tir r and bigger in t s the some with a

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OFF have the club of me Dairy.

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only seven years out from the nursery, and now nearly a foot through at its base—a most beautiful tree, and having leaves that hang on until the hardest frosts of late autumn. There are sevautumn. There are several of these trees around the house, and together with others they lend very much to its attractiveness and to its beautiful of the several control of the severa ful setting.

AN IDEA OF THE EXPENSE "The cost?" you say.
Well, it was comparative
ly little. Mr. Waite supplied most of the lumber A Tree of Seven Years' Growth

A Tree of Seven Years' Growth

and the home. This Carolina poplar is just
and the home. This working poplar is just
and the home deep the tree of the adornment
of fully 30 feet. The carolina poplar is just
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of the home deeple of the farm by window

Out in the fields of the farm by window

Out in the fields of the farm by window

At the west end of the

bay window at the west end of the house.

It required a deal of thought and no little work on the part of both Mr. and Mrs. Waite to mae the many considerable with the satisfaction that is now theirs and the satisfaction that is now their than the satisfaction of the highway and admire this now highway and admire this now highway and admire this now be set that the satisfaction of the satisfaction of the satisfaction and lavatory, will shape be satisfaction of the imprements that have so transformed to detain house and made of it a cosy, charming and most desirable place in which to live.

We endeavor to grow fruit of good even quality, pack it in boxes, and thereby be in a position from the growing decommend some of the growing decommend boxed fruit. Expert, scientific boxed fruit. Expert, scientific boxed sty is the only brand that will alesty in the control of the growing decommendation of the growing of the growing



does not need to wait a life time to have beautiful searound the home. This Carolina poplar is just so years from the nursery, and has attained a ph of fully 30 feet. It is one of the adornments det to the home described in the article adjoining.

bys. Out in the fields of the farm as will find the potatoes that carry through the winter, the carrots, etc. cabbages, parsnips, turnips, torth. The home garden, the carrots of the carrots of the carrots, the carrots of the carrot

o in the spring of the spring and the spring of carly potatoes, beets for as, encumbers, and or spring of the spri



If you were all mind from your toes up, you couldn't remember half the good things you've heard of the Ford. It's the most talked of car of the day. And sterling merit has made it popular the world over.

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SEVEN solid reasons why each farm needs a ma-

SEVEN solid reasons why each farm needs a manure spreader are these, in the words of a farmer who has devoted much time to correct soil feeding. I. It saves disagreeable and hard word. 2. It pulverizes and missers as the same tensor of the same tensor. 3. It distributes mature evenly over the same as the same as the same tensor of the same as the same where for lack of time or inclination.

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will do all these things for their owners. They will do them well and satisfactorily. Choose the right machine for your work and conditions from the complete I H C line. You will find them all styles and sizes, high and love, endless appendingly durable, strong, correctly built to stand particular the strength of the

rear wheels, carrying wheels tractive power.

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A Horse for the Farm Woman Mrs. Hugh McLean, York Co., Ont. One of the greatest pleasures of country life to my mind in its take a spin along a good page of the growth of the spin along a good buggy or comfort- or riding, however, contributes just one half of the enjoyment. In order to appreciate the drive we must have a horse that presents a good appearance and one that makes good time. Aside from the pleasure afforded us through this source, it is necessary to

Aside from the pleasure afforded us through this source, it is necessary to drive to city or town many times in a year on business, and this is oftonimes just where the difficulty presents itself for the farm woman.

A few days ago when my daughter and I were driving to our neighboring are not not appeared to the control of the contro

town we met a heavy farm wagon, and town we met a heavy farm wagon, and the occupants of the springless seat were a man and his wife and little child. The contrast between this out-fit and our comfortable rubbertired buggs and smart driver was very vivid. Evidently this woman had no horse that she could drive, and simply had to go to town whence an on-

horse that she could drive, and simply had to go to town whenever an opportunity presented itself. We know that on the farm, in the busy seasons of the year especially, it is almost impossible for the men to leave their work and take the womenave their work and take the women are folks to town. If these women are not provided with a horse that they can drive, how is the difficulty to be overcome?

A HORBE, BUT UNSUTABLE humber of farm on a considerable number of farm on a considerable were to question the man of the house on this pool and the house would be answered somewhar would be answered somewhar would be answered somewhar would be answered somewhar would be a somewhar woul HORSE, BUT UNSUITABLE the very time the woman or the nouse wants to go away from home this horse cannot be spared from work, or it will be so tired and lazy that one could walk almost as quickly as it

We farm women like to appear well We farm women like to appear well before our town and city sisters, and this is only natural, but it is impos-sible for us to do so if we must drive what is commonly called an "old plug" that is hitched to a buggy or cutter presenting an equally unfavor-

cutter presenting an equally unfavorable appearance.

While we who live in the country are somewhat isolated we have access to the city or town by driving and are really better off than are those living in the urban districts, who must either beard the street car or walk wherever they wish to go. At least we are better off if we have a nice horse and riz.

Being a strong believer in making things as pleasant and comfortable as possible in farm life, I should say home of the first ways of doing so is by providing the farm women with a nice. sisters?

A Tax Upon Thrift (Farm, Stock and Home)

(Form, Stock and Home)

Take two men in any neighborhood.

The bound is a barn and the other does assessor to the man who built have a season to the man who built with any our neighbor more thriftle and the season to the season the season to the season to the season to the season to the season the season to the season the s



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October National

SI The prize will be hel November, is published a dairy tes fered will b Guelph, th breeding st pete in the compe classes also

Canadian

Mr. R. R. Mr. R. R. whose well-k cattle has ca the prizes th Western Can noted addition the Brockton, exhibition is hibition of th

There was competitors v comprising so Converse herd the Salidina h shire, and s there were five ber of smaller herds had bee them at previous at the Brockt first time. The mpetition m act that one emales, each him over \$1,0 was shown had In face of the

In face of ti Mr. Ness won cept that for which class his nimals also v and grand char of 17 aged cow second and thi old cow class second. The nported and so purth prize ani \$1,000. Mr. st in the thre d and fourth nd and fourth
n yearlings
ourth on heifer
or the best cov
eny in the Ad
less won first
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erd. Mr. Ness
himals.

The judge was

The prize list for the dirst National Live Stock and Dairy Show, which will be held in Toronto the last of November, has been completed and is published herewith. In addition to a dairy test, in which the prizes offered will be about equal to those at Guelph, there will be classes for peter in the dairy test will be classes for peter in the dairy test will be classed for competition in the breeding leases also.

National Live Stock and Dairy
Show Prize List ing to send 24 head of cattle to the dairy shows to be held this month at Waterloo, Iowa, and in Chicago.

Recent Publications

There is probably no operation connected with the farm in which greater and more unnecessary losses occur than in the production and handling of farm manures. In the hope of assisting farmers to the practical knowledge of the means by which such losses may be avoided, Dr. Chas. E. Thorne, Director of

Sec. AYRSHIRE PRIZE LIST AT THE WINTER	FAIR,	rono			
			NTO		
Soil, 3 years old and over		25 20 26 Ribbo Ribbo	15 15 15	3rd \$20 10 10 10	4th 810 5 5
Cow, 3 years old in milk Cow, 5 years old in milk in milking. Cow, 5 years old pward in ealf, not milking. Helder, 2 years old life in early in ealf, not milking. Helder, 2 years old life in early i		30 25 25 25 20 20	25 20 20 20 15	20 15 15 16 10 10	15 10 10 10 5 5
Female, Junior Champion Female, Junior Champion Female, Grand Champion Female, Grand Champion Graded herd. 1 bull, two years and over; 2 cow, years and over; 2-year-old heifer; 1 yearling heife.	s, three	Ribbo		8	5
 Breeder's herd. 1 bull and 3 heifers under two yes the heifers to have been bred by exhibitor and a owned by him 	ars old.	35	25	20	15
owned by him	vned by	25	20	15	10
Dairy Test-Ayrshires		25	15	10	5
Sec. 1. Cow, 48 months and over 1. Cow, 56 months and under 48 1. Helfer, under 56 months Holsteins, Jerseys and Shorthorns, same classification a Grades Grades	30	2nd \$25 25 25 25 8 as 1	3rd \$20 20 20 20 or A	4th 815 15 16 yrshi	5th \$10 10 10 res.

Canadian Cattle Win Prizes

Cow, 48 months and over Cow, 36 months and under 48 Heifer, under 36 months

Mr. R. R. Ness, of Howick, Que,, whose well-known herd of Ayrshire catle has carried off a majority of the prizes this year, not only at the Western Canadian Fairs, but at Too ronto and Ottawa as well, won some noted additional honors last week at the Brockton, Mass. exhibition. This exhibition is probably the chief exhibition of the New England States.

hibition of the New England States.

There was strong competition in the Ayrshire classes. Among the competitors were the herds of Mr. Chisholm of Port Chester, N. Y., comprising some 30 animals, the Converse herd of Woodville, N. Y., the Salidina herd, of New Hampshire, and several others. In all there were five full herds and a number of smaller ones. Most of these herds had been sweeping all before a state of the sweeping and the sweeping and the first that the sweeping all before the state of the sweeping and the sweeping a

min over \$1,000. One animal that was shown had been sold for \$1,800. In face of this strong competition Mr. Ness won every first on bulls except that for the two-year-olds in which class his entry was second. His similals also won the championship. In a class of 17 aged cows in milk he won first, second and third. In the four-year-old cow class he stood first and second. The third prize animal in this class was one that Mr. Ness had buttled and sold to the States. The other conditions of the second and the second and fourth of the second and second and fourth on two-year-olds, first westign of the second and fourth on two-year-olds, first westign of the second and fourth on the second and second and fourth on heifer out wow. The second and second and second on the second and second on the second and second on the class was first and also fighter.

of Storrs, Con. Mr. Ness is arrangthe Ohio Experiment Station, has
been induced to write a new book on
this great and important subject.
Every phase of the subject is dealt
with from the origin and nature of
the soil to the composition of manures and their application. The book
is an encyclopedia of information.
Some of the subjects covered are: ures and their application. The book is an energelopadia of information. Some of the subjects covered are; The processes that take place in the soil that make plant food available; the composition of farm crops and the effect of different fertilizing elements on their growth; the rate of production of different animals and the losses in stable, yard and field. It is not to be a subject of the production of the fruit of a life work begun on the farm and followed by a quarter care and the production of the state of the scientific principles. If armer of the scientific principles are the principle for the standard principle for the standard principles are the scientific principles.

"The Call of the Land" is the subject of the most recent book by E. Benjamin Andrews, Chancellor of the University of Nebraska. While the book is primarily intended for agricultural directors, it will appeal to all who enjoy a broad and intelligent discourse on agricultural topics. It is intended for the farmer as a cittzen rather than the farmer as a farmer, but it is of value to him in both connections. The book is well bound and printed on 385 pages of good paper. Price through Farm and Dairy, \$1.50.

and fourth on two-year-olds class, secand fourth on two-year-olds, first
and fourth on beifer calves. In the class
port of the best cow and two of her procry the standard of the second of the companies of the cow of t

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GUELPH, Oak

AND RURAL HOME

Published by the Rure: Publishing Com-



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for a club of two new subscribers.

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FARM AND DAIRY PETERBORO, ONT.

WHERE THE FAMILY FLOURISHES

It takes a hundred men to make an encampment, but one woman can make a home. A city resembles an encampment. Men might live alone in cities quite comfortably, if not contentedly.

But on the farm never. The suc cessful farm has a home on it. The farm business at its best requires the cooperation of a man and woman whose interests are one and who work together in all things. That is why Farm and Dairy, an agricultural paper, devotes several pages in each weekly issue and one full issue in the year, the one you now hold in your hand, to household subjects. household is an essential part of the farm.

During the past five years, Farm and Dairy has conducted two Prize Farms Competitions, one of which govered two provinces, Ontario and

FARM AND DAIRY Quebec. In this competition we had And in no case did a provinces. farm stand high in the list of awards that was the product of a man's management only. The judges in their comments on the competitions, invariably mentioned the spirit of cooperation and goodwill that seemed to pervade the very atmosphere of the successful competitor's home. couple of cases the judges advanced the suggestion confidentially that they didn't believe that certain successful competitors would ever have amounted to anything had they not been possessed of ambitious and levelheaded wives

Those of us who neglect to take our wives into our confidence, discuss every important detail of manage ment with them, and pay good heed to their suggestions, are neglecting an opportunity and a privilege. When we lay our plans for the next year's operations let us lay them cooperatively. Let it be "we" and not "I" who will do these things. And let the results of the year's work be This is "ours" and not "mine." only justice.

THE GREATEST NEED

Did we hear someone say: "The same old thing over again?" Yes, the same thing over again. Let us repeat: The greatest need of the farm home to-day is a running water sys-

This we know is an old subject in Farm and Dairy. We would like to give "Our Folks" everything brand new in each Household Number, but while the old needs are still with us, and calling so loudly for rectification, the best we can do is to strive to il lustrate the old needs in a new way Here is a new method of presenting the need of a more convenient farm water supply.

The President of the Mississippi Normal College estimates that the average woman in doing her work at home without a modern water supply system lifts a ton of water every day. He figures that a bucket of water weighs twenty pounds. It is lifted from the well, carried to the kitchen poured out for various uses, and emptied out of doors. He counts the number of times it is lifted on the average as six. Three meals a day call for ten bucketfuls of water. Lifted six times this amounts to 1,200 pounds of lifting. When we add the amount of water required for washing, scrubbing, bathing and drinking, we can easily account for the ton.

Furthermore, this Mississippi colis right at the door. How much more difficult is the woman's task when the well is rods from the door and oftentimes down a steep incline! Commenting on these estimates, one of ou United States contemporaries, "Farm and Fireside," makes a comparison with lifting and sifting a ton of hay, and has the following to say:

"If a man had to pitch a ton of hay every day he would think it quite a chore. And if he had to move the hay in driblets and small bunches

while doing his other work he would be tired out and annoyed by the task until he would begin to look for some way of avoiding it. If he found that he could avoid it by some article pur chasable for two or three hundred dollars, he would buy the machine instanter, knowing that it would pay for itself every year."

FARM AND DAIRY

Is not this a true comparison? Does it not bear out the contention Farm and Dairy has made so often that the outdoor water supply is one of the chief of all woman killers?

EDUCATION FOR GIRLS

Recourse Why educate the girls? they are the mothers of the race. Because they, far more than the fathers, inspire their children with ideals and ambitions. If the mother's opportunities have been limited through the too prevalent idea that girls really don't need to be equeated, then so much the worse for the race. The ideals of the children will local fair. ba as narrow as their mothers' oppor tinities were limited.

This is the one great factor that should interest we farmers in the education of our daughters. Our greatest efforts are for the good of We work and future generations. economize in order that our children may have more of this world's goods than we have. But what good is material wealth if the mind is not suffi ciently developed to enjoy life and the pleasures that money may bring. That development of mind and ideals is assured only to the sons of that nation that has recognized the importance of a broad education for its daughters.

Is John going to college? Then, send Mary, too.

THE BOYS AT THE FAIR

"For the sake of the farm be least, the country fair should maintained and patronized. average active intelligent boy is very apt to become dissatisfied with farm life if he is made to see in it nothing but a round of hard work. At the but a round of hard work. At the fair, however, where he may exhibit the vegetables from his garden, or his pet calf or colt, he gets a larger conception of what farming really

This claim on behalf of the country fair was made in Farm and Dairy some weeks ago. We make it even more confidently now. In the meantime we have had an opportunity to notice the influence of a visit to a country fair on the ideals of a couple of farmer boys. These boys were not sons of the Holstein breeder whose cattle they helped to show at a small fair held recently in Eastern Ontario. They were immigrants who came across the ocean lege President assumes that the well not so very long ago, and hired out on this farm.

It did us good to see the faces of those boys as they stood their stock before the judge. Under their employers' direction they had cared for and fitted that stock themselves, and they felt as proud as young kings. To use an exhibitor's expression, they were 'showing all the time."

"It was worth while coming to the fair just for the enthusiasm and the pleasure that it has given those boys,"

CONTRACTOR OF THE STATE OF THE

Real Heroes

Real Herces
Cannabi, shrobbing with the impulse of soldiers but the soldiers of pence. Cannada does not need of soldiers but the soldiers of pence. Cannada does not need the soldiers of pence. Cannada does not need the soldiers of the sol

Janana andrana and and

remarked the owner of the cattle later in the day. And indeed the country fair is a grand institution is inspiring the country boy. How say cessful it is in that purpose depen on how well we farmers patronize ;

ONTARIO'S IMMIGRATION PROBLEM

Every now and then an agitation raised in Ontario over the fact it the province retains such a small pr portion of the emigrants that rea this country from Great Britain. is pointed out that the great major of those that finally settle on the la pass through Ontario, like was through " sieve, and locate in s

The main reason for this of cou is that land is cheaper in the w than in Ontario. Population also flows where land is cheap and as from where land values are high

An additional reason why the w is favored is the fact that when it mers settle in Alberta or Saskato wan they are treated better than t are in Ontario, inasmuch as they not fined every time they built barn, plant trees, paint their hou erect a silo, or do anything to prove their farms. In the west to is no tax on improvements of class. Instead, the tax is all only values. In Ontario the farmer sets out to improve his place is f by the community for his enterp His tax bill increases with every provement he makes. Is it not that we thought seriously of fo ing the example of the west?

CONTRACTOR SON Needs of the Farm Home

By Laura Rose Stephen
I believe that the greatest mi
of the farm home is a remodelle
of the most of those that are be
and more thought put into the se
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It should be

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Here's its recent Wisconsin 000,000,0 ed States fo ing, 90 per is spent by dian wome

Our big managers r per cent. c rected to t windows of are largely only. Ou the buvers Our colle ditions. In

donald Inst find an outl tical work Makers, '' o it "The D No, it does women how of the main But you mus living in 19 broader. It only in wha when and v and wear. teaches our ence of sper above figure need of suc who are to homes? An but not all b wisely-secu advantage an ness methods that bugbear.

The same home on ou do so much keting. The purchases for

YOU MAN these facts i vertise. Not good shopper is established mail order 1 good results vertising and wealthy class are reached. and Dairy we or the sphere devoting to t our publication October we de

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, 1913.

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MARCON

AD. TALK CXII

All Honor to the Women

bargain in household goods.'

That is just what our men of the present day are doing. They are leaving largely in the hands of the women the spending of their incomes. Don't you believe it? I'll prove it to you. In this busy 1913 our men are too busy "making" to be good spenders. It's left to the women

Here's the figures to show it. In its recent bulletin the University of Wisconsin states that of the \$10, 000,000,000 spent annually in United States for food, shelter and clothing, 90 per cent. of this mighty sum is spent by the women. Our Canadian women spend proportionately.

Our big stores show how well the managers realize this when 75 to 90 per cent. of their advertising is directed to the women. The display windows of Eaton's and Simpson's are largely attractive to women only. Our women have become the buyers of the age.

Our colleges recognize these con ditions. In the curriculum of Macdonald Institute, Guelph, you will find an outline of lectures and practical work known as the "Home Makers, " or as some have re-named it "The Diamond Ring Course." No, it doesn't just teach our young women how to cook. That was one of the main essentials of long ago. But you must remember we are now living in 1913 and so the course is broader. It gives instruction not only in what we shall eat but how. when and what we shall both eat and wear. It goes farther-it teaches our young women the science of spending. Considering the above figures don't you realize the need of such a training for those who are to be at the head of our homes? Any woman can spend. but not all by any means can spend wisely-securing value, buying to advantage and through shrewd business methods, stemming the tide of that bugbear, the high cost of living.

The same conditions are true at home on our farms. Our women do so much of the buying and marketing. They actually control the purchases for the entire household.

YOU MANUFACTURERS, keep these facts in mind when you advertise. Not only are our women good shoppers but where confidence is established, they are strong on mail order buying. Hence such good results from farm paper advertising and especially so where the wealthy class such as the dairymen, are reached. Each week in Farm and Dairy we acknowledge and honor the sphere of "Our Women" by devoting to them a department in Moreover, each our publication. October we devote to their interests a special Household Number, like this one of Farm and Dairy,-

"A Paper Farmers Swear By" our afternoon calls

Value of Appearances

Miss Lillian G. Crummy, Leeds Co.,

So often do we hear farmers spoken All Honor to the Women

"Leave it to a woman to drive a "country bumpkins," and other sin



lar nicknames. We all know that no dishonor nected with those names, still a slur or slight is con-

Why this state of affairs? Let me tell you. It is an instance of the innocent suffer-

Miss Crummy ing for the wrongs of others. So many of our farmers, some-times the well-to-do, act as if they had no respect whatever for they had no respect whatever for themselves on for their calling. They go to town to trade or to mar-ket their produce, or if they have an evening out they lounge about the an evening out they lounge about the antity stores, attired in the worst and they are the store of the store of the store of the store of the store stray late, and their whole appear-ance absolutely negligible.

Is it any wonder, then, that the tiller of the soil is often looked upon by our town or city brethren as in-ferior to themselves. And while I ferior to themselves. And while I know this is a mistaken idea they entertain, for those very careless fellows are as a rule but diamonds in the rough, still, in this age 'of style and of means, there is no excuse for being untidy.

While at his work the farmer can While at his work the farmer can not be grandly dressed, with boiled shirt, high collar, and patent leather shoes, but he can, if he will, dress with the best in the land after his with the next in the land after his toil is over and he goes out to mingle with his fellow-men, whether it be to attend divine worship or to market his produce. Fine clothes do not make the man, but they certainly give one that feeling of self-respect. The tidy nexts or compands The tidy person commands respect from others, whereas the slovenly one may pass by unnoticed. We should every day give to the world the best we have, and the best will come back

A Telephone Tea Party

Mrs. R. Fleming, Ontario Co., Ont.

Our rural phone lines have made possible a new style of tea party that is much appreciated by the ladies of our district. Instead of dressing in our district. Instead of discounties, our best clothes, hitching the horse, and gathering at some of the neighbors, we just draw a comfortable and gathering at some of the neigh-bors, we just draw a comfortable chair up to the phone and have a chat with all our neighbors. It is agreed beforehand that we will all meet at such and such a time and every receiver is down and there is no more trouble in keeping an interesting conversation going than would be the case were we all speaking together in neighbor's room. a neighbor's room. Likewise, harm-ful gossip that might be passing at an ordinary gathering must be eliminated at a telephone tea party, for no one can tell where the gossip might

The beauty of our telephone tea parties is that the mud of spring, the rains of summer, or the snow of winter cannot interfere with our meeting. The phone has done away with the obstacles that the elements place in the road of country socia-

Rural phones are seldom needed for business calls in the afternoon. The men are all busy on the farms, I must say that the men are very obliging, and unless business is pressing, they would not think of interfering with

CREAM SEPARATORS

SKIM CLEANEST TURN EASIEST ARE SIMPLEST MOST SANITARY LAST LONGEST

De Laval Dairy Supply Co., Ltd. Montreal Peterboro Winnipeg

A Pure Wholesome Nutritious Meal CALFINE

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The Call of the North

Do you know of the many advantages that New Ontardy with its Millions of Fertile Aerea, offers to the propective Aerea, offers to the propective these rich you know that these rich you know that these rich and the producing a locat, are already producing and oast, are already producing the produ

MACDONELL.
rector of Colonization,
Parliament Buildings,
Toronto, Ontario

WANTED

Married Man, young preferred to manage and to take half interest, in required, in thoroughbred Jersey herd on my farm. Must come well recommended and have so mented and have so many cattle. Very the money required if you are the right stamp. First-class house and location. Apply E. A. SMITH, Real Estate Broker 368 TALBOT ST., ST. THOMAS, ONT.



"LONDON"

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If interested oatslorne. LONDON CONCRETE MACHINERY CO. Dept. B. London, Ont. Largest manufacturers of Concrete Machinery in Canada.

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Branch Houses: WINNIPEG



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Get a Chapman Type "F" Kerosene Engine to thresh your grain and grind your feed; it runs on half the cost of any gasoline engine made.

Get the Chapman with the Automatic Starter, the Throttling Governor, guaranteeing steady power and uniform heat to vaporise the coal oil.

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ONTARIO WIND ENGINE & PUMP CO., Limited

Head Office: TORONTO

CALGADY

MONTREAL

N. 13

CHEESEMAKERS

Would \$1.40 a week interest you?

Would St. 40 a week interest your would you like to be "out-side" in the fresh, invigorating air during these months of autumn-free so the second strength of th

tions.

We will explain this further if you will send a line of inquiry. It will not obligate you in any

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Delivered at nearest expre Highest prices paid nittance Monthly. Write

PETERBORO CREAMERY Peterboro, Ont.

REAM WANTED

We pay the highest city prices for cream elivered sweet or sour at any express flow. We supply cans and remit prompt , with an accurate record of each ship tent. If 15 years' experience counts, ship our gream to the Toronto Greamery your cream

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First-Class Oreamery Business in cestern Ontario. Modern equip-cent. Splendid territory. Conven-ntly situated. Price reasonable. Apply BOX 489



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highest quality, well known and reliable.

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19 years. Capital and Resources over Two Millon
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Get Into Business For Yourself

With fittle competition. We are the only concluded the control of the control of

The W. T. Rawleigh Medical Co. Winnipeg.

ests. The great Quaker Onts Com-pany has made our city famous with its food products and in the supply-ing of mill feeds to all parts of the country. Other smaller cencerns of a similar nature are following in its wake. In addition, we have the wake. wake. In addition, we have the Peter Hamilton Company, agricul-tural implements, Farm and Dairy, with its kindred publications, and now the great De Laval Company is located with us.

located with us.

The De Laval people are by far the largest manufacturers of dairy sup-ground is the headquarters of the

Creamery Department

Butter rakers are invited to send contributions to this department of the relative state of the contributions to this department.

Hard rakers are invited to send contributions to this department in the relative subjects for discussion. Address letters to Oreamer Department.

The New De Laval Works

Peterbore, the home of Farm and Dairy. The latter machine is somewhat similar in construction to the Cream Separator, and is used in the clarifying of milk and cream both parts of the department of the relative send the cream Separator, and is used in the cream send the cream Separator, and is used in the cream send the cream s

ed to serve this group of buildings. Already the two wings on the right are completed, the machinery install ed, and manufacturing has been car-ried on for several months. The third wing is well under way. The equi-ment is designed with a view to turn the control of the control of groups in ing out the highest grade of goods in both workmanship and material.



. FARM AND DAIRY. ENTIRE DISPERSION

Of my excellent Breeding Herd of HOLSTEINS will be made in - connection with -

The Great Brockville Sale



LADY GRETQUI DES CHENAUR SEGIS BUCKEYE MAID Such offerings as these are rare. Catalogue from A. C. Hardy, Brockville, gives you particulars.

As I have taken charge of "Het Loo" Stock Farm at Vaudreuil, Quebec, it is impossible for me to look after my Holsteins at my Maple Leaf Stock Farm, Manhards, Ont. The entire herd will therefore be sold at the big Breeders' Consignment Sale at Brockville on October 21st. Absolutely no reserve. Every animal must go. A rare chance to buy my best at your

own prices. My herd is the result of years' work in selecting for individuality and breed-g. Come to Brockville, October 21st.

GORDON H. MANHARD, VAUDREUIL QUEBEC ples in the world. They handle practically every line of implement used in the dairy business from silos to creamery power-churns and gazenet medical properties of the control of the control of the control of the company. Dr. De Laval. How the company, Dr. De Laval. How world's dairy interests, and largely made possible the wide to-day. So, too, has the manufacture and distribution by this Company of all kinds of dairy machines made last twenty five years in the field of dairying. ples in the world. They handle pracdairving.

dairying.

IN TUNE WITH DARY PROGRESS.

The Company keenly appreciates the wonderful possibilities for the expansion of the dairy industry in the Dominion, and accordingly has made provisions in their montrous new factory in Peterboro for the increased requirements of our farmers for dairy equipment of high quality. They are persuaded that in time, inseed of importing dairy products as will be seeking an outlet for them in foreign markets. foreign markets.

Readers of Farm and Dairy, and particularly those who are tisers of De Laval separators, or any of the large line of dairy, creamery, or farm supplies made by the Company, will be interested in the accompanying illustration of the new works now From the heart of this mussive factory will come Ideal Green Feed Silos, De Laval Cream Separators, Victor Churas for the house and creamery. Official and Wisard Milk Testers, Wigard Cream Pasteurisers Readers of Farm and Dairy, and

Company for the Dominion. tains every modern convenience for the transaction of the business in the the transaction of the business in debest possible manner and with greatest despatch. The entire building is of most modern type, with saw toother of construction, affording maximum of light and ventilation. It is an

roof construction, affording maximum of light and ventilation. It is as ideal place for the workmen. In choosing Peterboro for their new home the officers of the De Lard Dairy Supply Company were largely influenced by the convenience of transportation offered by the city located as it is between Toronto and located as it is between Toronto and Ottawa (about 70 miles north east of the former), on the lines of the Car-adian Pacific and Grand Trunk Rail-

ways, and the Trent Canal.

In addition to its general offices and factories in Peterboro, the belavel Company now have office and warehouses in Montreal, Winning peg and Vancouver, as well as ware houses for the convenience and distribution of their goods at Calgary, Es monton, Regina, and Saskatoon.

At creameries where the water sup ply is obtained from a well great can should be exercised in seeing that the should be exercised in seeing that the well does not become contaminated the top of the well should be cased it so as to divert all surface drainsy at leaky factory floor is often a some of contamination. The ground becomes saturated with the scepage which eventually will find its way in the well.—D. J. Cameron, Dairy in structor, Peterboro Co., Ont.

Keep an onion planted in a flower pot. When a little seasoning a needed, clip from the young shoots. The shoots can be cut fine and use in a salad.

Chees Makers a

October

ts for d

Women

There are ed by the v feminine infl of "the boys. here when i "the ladies"

A Succe This is a Unite of Wisconsin, successfully op-tory. She tells making in a

Household N we told of the ence of Misserison of News not only but they mad won awards tions as the don, Eng., the times in succe The Misses

only Canadian fame as chaese son of Apsley handsome by World's Colum cago, in 1893 Special House Mrs. E. Drew maker of Nor discussed chee pation of woi Laithwaite, of won the gold Dairy Show a cussed the mal The subject is a United St of Dundas, W

and operates l discussion of thods as descr lowing, as writ ter, Egg, and with the photo little bit of evi tention that th in the world t the contrary n

> A We By

I have been factory at Dun years. I mal summer as fol After I have heat it up to 8 ners, Al-De Laval ducts are aders of ha Gaso-ral Clari-y's latest achine is action to s used in eam both

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De Lava vere largely renience the city orth-east o orth-east of of the Cau-Trunk Rail-al. neral offices oro, the De have offices real, Winni-cell as ware

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in a flower seasoning a roung shoot ine and use

its way into n. Dairy In Ont.

Cheese Department

Makers are invited to send contri-utions to this department, to ask nestious on matters relating to theese making and to suggest sub-cets for discussion. Address letters or The Cheese Makers' Department. Makers are invited to send contri-butions to this department, to ask questious on matters relating to cheese making and to suggest sub-jects for discussion. Address letters to The Oheese Makers' Department.

Women as Cheese Makers

women as Cheese Makers
There are few fields of enterprise
nowadays that have not been invaded by the women folk. Even the
cheese business is not immune from
feminine influence. We used to speak
of "the boys." The time may soon be
here when it will not do to forget
"the ladies" as well. In the Special



A Successful Cheese Maker This is a United States lady. Mrs. Schely, of Wisconsin, who for many years has successfully operated her own cheese factory. She tells of her methods of cheese making in an article on this page.

Household Number three years ago, we told of the seek.

Household Number three years ago, we told of the cheese making experience of Misses Mary and Agnes Morison of Newry, Ont. These two ladies not only made cheese for years, but they made such good cheese they won awards with it at auch exhibitions as the Indian Exhibition, London, and the Cheese Makers The Chicago, and the Cheese Makers The Chicago, and the Cheese Makers The Misses Mortison are not the only Canadian ladies who have won fame as chesse makers Mrs. W. Wilson of Apsley, Ont., was awarded a handscase bronse medal at the World's Columbian Exposition at Chicago, in 1893. And then in the Special Household Number last year, Mrs. E. Drowry, a successful cheese maker of Northumberland Co., Ont., who was the compation of women, and Mrs. George Laiste, of Huron Co., Ont., who have the compation of women, and Mrs. George Laiste, of Huron Co., Ont., who have the compation of women, and Mrs. George Laiste, of Huron Co., Ont., who have the compation of women, and Mrs. George Laiste, of Huron Co., Ont., who have the compation of women which was an occupation of women, and Mrs. George Laisten, of Huron Co., Ont., who have the compation of women, and Mrs. George Laisten, of Huron Co., Ont., who have the content of the work of the content of

A Woman's Way By Mrs. Schely

I have been operating the cheese factory at Dundas for the last seven years. I make cheese during the summer as follows:

After I have the milk taken in, I heat it up to 86 degrees, then put in

the coloring, 1½ ounces to the thousand pounds. Then I test with Marschall's renet test, and if it sets with 2½ I put in the rennet, four ounces to the thousand pounds of milk, then it will set in about 36 milk of the set in and the set in and set in and cook it in and cook it in and cook it in and spins about one-eighth of a set in and apply with the rake until the set in and put the cheese on curd racks and let it lie for 10 minutes. Then I cut it in squares and turn it over and let it lie another 18 minutes, and pile it off the rakes and let it mat until it spins one-half inch on the hot iron, then curd and salt it, putting 2½ pounds of salt to 1,000 pounds of milk, that is if the curd is not gassy. If the curd is gassy I give it more state of the set of the s

Avoid Defects in Fall Cheese F. Herns, Chief Dairy Instructor for Western Ontario.

Western Ontario.

Buyers do not want pasty textured cheese. It would hardly seem necessary to again discuss this point, but every fall a few makers fail to guard against certain mistakes and without realizing it until it is too late, turn out weak bodied cheese. Pasty turn out weak bodied cheese. Pasty commonisture in the card.

too much moisture in the curd.

The curd may be dipel sweet and appear firm, yet if no much cultures is used the cheese appear firm, yet if no much culture is used the cheese appear firm, yet if no much culture is used the cheese appear firm, yet if no much culture is used the cheese seem of the dull in color and pasty in ten very leading to the dull in color and pasty in ten value at little longer if necessary for the milk to become ready to set. Acid will develop too rapidly in curd from milk to which has been added an over amount of culture, and although the whey may be lowered and the curds raked almost continually, the required firmness cannot be obtained before dipping, and such curds will come out dipping, and such curds will come out of the whey in a soft condition. Stir-ring in the whey simply means keep-



A Result of Woman's Enterprise

This is the factory of which Mrs. Schely, of Wisconsin, whose photograph appears on this page, is owner and operator. There are several cheese factories in Canada similarly owned and operated; and successfully too.

ing the curd separated in order that the cubes may firm evenly; this will be accomplished if the proper relation between acid, heat and moisture is maintained.

maintained.

MILK TO BE SET SWEET.

Add the rennet when the milk is sweet enough to allow time for the curd to be handled carefully and the temperature to be raised gradually. The whole process should be controlled in such the whole the controlled in such the whole the controlled had in the whole the controlled in the whole the controlled in such that who is the whole the controlled in the whole the controlled on page 27.)



Twice A Day For Seven Days

OU use a binder or a mower just a few days in a year, but you use a cream separator (if you have one) twice a day, seven days in the week, every month in the year. The separator is one of, if not THE most important machines on the farm. Great care should, therefore, be observed in the selection of this important machine, as the size of your faily cream profits depend on the closery over the contract of the cont

Standard

Cream Separator, because this separator skims down to all per cent, and often less. That is, it loses but one pound or less pounds of milks skimmed. We offer the results of Government of the second of the control of

The Renfrew Machinery Co., Ltd.

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> Don't wait until you are old, To take advantage of this extra gold: Why delay? Get a copy to-day,-Now is the time to "Make the Farm Pay."

Address Circulation Department

Farm and Dairy, Peterboro, Ont.



GENUINE greatness is marked by simplicity, unostentatiousness, self-forgetfulness, a hearty interest in others, a feeling of brotherhood with the human family .- Channing

Mother Morrison's Mistake

(Farm and Home.)

tears as she said: "it's too bad! After all the sacrifices we've made for her, and before she's hard-ly had time to try her wings, as it were, Ruth's going to marry a far-

mer!"
Molile Davenport's eyes twinkled. It was evident that her sympathies were with the recreant Ruth. "Don't you think you are a bit unjust!" she queried, gently, "George seems a very fine fellow, and—"
Mrs. Morrison interrupted. "It when you want to be a seen a very fine fellow, and—"
when an difference how fine George.

Mrs. Morrison interrupted. "It makes no difference how 'nice George is—it' the life on the farm I object to for Ruh. When I think of what farm life means and of its deprivations and hardships, my heart fails when I was young. To think of what have in the support of the properties of the support of the properties of t

Mollie looked compassionately at her friend.

Mollie looked compassionatery at her friend.

"Are you sure....." she began, then, changing her tune, "how long ago were you on a farm"

"Let's see," calculated Mother Morrison, "we'e been married. Alec and I, about 35 years. Well, 32 years ago, I guee."

"New your work of the wore

"Never," averred the other woman"Never," averred the other woman"Why, think, Mollie, she's a college
girl. She's teaching in a college now.
She's on a college faculty. She'll be
lost, with her taleats, on a bare Ne
Progland farm."

since should be supported by the support of the sup Ruth's not going to waste her edu-cation by marrying a farmer. No, indeed! She's going to use it, as never before!"

But Mother Morrison refused to be comforted or convinced. She saw her daughter depart with her young and happy husbant and her heart was the properties of the properties of the heavy with the properties of the properties of the properties of the properties of the Sunnyacres, pleading all sorts of reasons for the omission and delay. When at last she did go, it was with much foreboding. She made about She saw her comforted or convinced.

OTHER MORRISON was trou- as much preparation as if for a visit bled. Her eyes filled with to some inaccessible backwoods retears as she said: "It's too gion. Mollie laughed at her, but she only repeated, "I know, I've been in such places before," so at last Mollie decided to hold her peace and let the obstinate woman find out the truth herself.

With a sinking heart, poor Mrs. Morrison stepped from the train to

the window? Gas light? Why, in her town home, they had just ceased using oil and had had gas put inl She cautiously investigated. To her chagrin the bathroom excelled her chagrin the bathroom excelled her

chagrin the bathroom excelled her own in its perfect appointments. This was marvellous! It was upsetting. She couldn't understand! Was it a farm, after all, being, as she did, the barnenss and bleakness of the early rural bome of her youth which had so disgusted her and had made her beseech amd de-mand Alec to begin again in city environment But a glance abroad dis-pelled this new-born doubt. The pelled this new-born doubt. The broad acres, the peacefully grazing cows, the fields of corn and the ex-tensive grass lands and wide stretch of woods, puzzled and confounded

her.
"I can't understand it," she averred, silently and solemnly, "but I'm
mighty glad."

Ruth had, purposely, omitted any description of her pretty, well-appointed home. She had felt it useless to try to dispel such firmly-rooted convictions as were held by her mo-ther, except by ocular demonstration.

When George and she planned their home, which was an inheritance from his father, Ruth had determined that, before she entered it as household mistress, it should be fitted with all practical and possible sanitary neces-

An Unusual Pet on a Farm in New Ontario

This young bear cub was captured by Mr. Alex. Brown, a settler in the Thunder Bay district of New Ontario. The youngster is the special care of Mrs. Brown, who may be seen feeding it. await transportation to the farm, sities and labor-saving devices. There

await transportation to the farm, three miles away. She saw various conveyances, and in her innocent ig-norance wondered if the ox team she norance wondered if the ox team san noted at a comer might belong to George. Her first disillusionment came when an automobile drove up the platform and she saw her daughter in it.
"Isn't it lovely?" chattered Ruth

"I wouldn't tell you. I wanted to surprise you. I'm learning to drive it, too, and we'll have some jolly trips together."
Mother remembered the ox team

with chagrin The machine halted before a com-fortable house, shaded by magnificent elm trees, and again the bewildered woman noted that here was a home woman noted that here was a home better than her own! But prejudice dies hard. Probably, she thought, the couple had put all their money into the automobile and outside show. But, when Ruth, with a loving em-brace, left her mother to remove the brace, left her mother to remove the grimy evidence of a day's travel from her person, and said, "you'll find the bathroom just across the hall, dear mumsie, and there's a speaking tuhe, if you need me to help you in any way." Mother Morrison actually gasped in humiliated surprise.

And what was that over the desk by

was money to do this with. George's mother had not cared. She had "gotten along after a fashion" with antiem along after a fashion" with anti-quated methods, not because she could not have had them altered had the "set out" to do so, but because of mere inertia, the lack of executive forms as Mollie said afterwards, "gumption"

"gumption."
But she had died when only 53
years old, a tired and "dragged out"
woman. And, though one should
speak well, or hold one's peace, concerning the dead, it should be said,
for the sake of the living, that it was
her own fault. We lose much good her own fault. We lose much good in this world by not demanding or requesting it.

requesting it.

As Mrs. Morrison examined the home her delighted wonder grew. Sweeping day was made a joy, rather than a trial, by the easy, light and effective vacuum cleaner that Ruth

used "It cost quite a few dollars," de-ared Ruth, "but it will pay for itself "It cost quite a rew doilars, dec-clared Ruth, "but it will pay for itself in a short times Not alone in saving of strength, but in actual saving of material. My carpets or rugs do not get filled with dust. I run my vacuum cleaner over them occasionally and they will last four times as long, as those that fill up with dust and dirt,

which means beating with heavy rods; hard, drudging work, and faul to a rug's log. life "Don't think I am making to much of this one thing, munsie, but I am enthusiastic. My furnishings are so new and so nice that I hie to see them spoiled. An and the life is the see them spoiled. "An and the life is the see them spoiled." to see them spoiled. And spoiled," she said, emphatically, "they were sure to be, sooner or later, without a vacuum cleaner. Why, mother dear, a vacuum cleaner. Why, mother dear, not only am I saving my own pretty things, but I'm renovating some of George's mother's that had been relacated to the attic because considered beyond all help."

She showed her mother some draperies from which this marvellous modern invention has so drawn the dirt and duet in the same as to make

dirt and dust of years as to make them practically new.
"I'll have one." decided Mrs. Mor-rison. "as soon as I get back home. There are those stuffed chairs. They may be old-fashined, but I'm ford of them, and yet they send up a cloud of dust when one sits down. I'll clean them with one of these splendid helps."

clean them with the party of th in a walk or game. mother.

Mother Morrison returned home, elated and contented.

"She's better housed and cared for than we are," she said, placidly, to the amused Mollie; "hot and cold the same and water all over the house, a rat-proof water all over the house, cemented cellar with every convenience for stores; acetylene lighting, a furnace, rural delivery, telephone, bathing and elite facilities, and a store when the convenience of th bathing and office facilities, and a splendidly equipped kitchen. Why, it's great! Simply great! And then, in addition, she has the other advantages of farm life; milk, eggs, vege-

tables, etc.

"What a goose I have been with
my idle fears! Still," she added, "I
see where Ruth's foresight has helpded. She simply would not go to a
poorly equepped home as long as betre could be provided and in the long
run
woman's strength, give her and
ther children health and happiness,
this is what is needed."

The very next day the two friends

The very next day the two friends, the very next day the two friends fourneyed to the shopping district of their city and after exmination and rials, each of very sold of the v ...

Hum

Margaret G. Hayes.

Keep the ball a-rolling!
Smile and laugh and sing;
Hum while you're a-strolling,
Bits of anything.

Demon Blues can't conquer While you hum a song; Set your thoughts to music, You can't go far wrong

This the rule and habit Of the busy bee; Humming while she's toiling, None so gay as she.

... Glycerine and rose water is one of the best things to use if the hand are subject to chapping and crack-ing. The drawing on of an old pair of gloves before retiring keeps the objective in the akin and retains its

October

Pudd etc.,

From recipe There of it! The I

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************** The Upward Look ******************

Perfect Love

'Perfect love casteth out all fear." "Perfect love castern out and To me this is one of the most precious sentences in the Bible. The truth that lies in these six small words is the foundation of all true selfis the foundation of all true sentreliance. It explains the wonderful courage of the cld prophets in the face of almost unbearable hardship. It explains how willingly and gladly a little band of twelve uneducated men for Christ. As they were when Jesus found them those men would have shrunk from speaking in public or in the presence of their "superiors." But after being with Jesus they fear no one; their self-reliance was un *******

The best things are nearest; breath in your nostrils, light in your eyes, flowers at your feet, duties at your hand. the path of God just before you. Then do not grasp at the stars, but do life's plain, common work as it comes, certain that daily duties and daily bread are the sweetest things of life. Houghton.

bounded because at its base lay their perfect love and trust.

There are two kinds of self-reliance. Some men who are known as being very self-reliant are only very selfsufficient. According to their view they are a power unto themselves. They have met and conquered great They have met and conquered grace obstacles without any sense of responsibility from a greater power than theirs. And how often, when contronted by some unusually great obstacle, such men are failures. Their self-confidence carries them only so far and no further.

But the confidence of the Christian! But the connected of the Cariston. What of his self-reliance? It is limited only by his belief in the power of God. No matter how great may be the difficulties of his life he is undaunted. He knows that his Father's

daunted. He knows that his Father's power is unlimited and where the apparently stronger man of the world is afraid the Christian, humby trust-ing in God, is invincible. All history bears testimony to the courage and power of men and wo men who had the perfect of thome casteth out of the case of that love. It enabled Moses to accomplish what enabled Moses to accomplish what Napoleon considered the greatest feat

Napoleon considered the greatest feat of all history. How close it must have been to Daniel in the lion's den. The Christian era furnishes us with even more helpful illustrations be-cause nearer our own times. St. Paul's writings all breathe of that love. And coming right down to our own times we find great more Henry Gege. The control of the con-trol of the control of the con-trol of the control of the con-trol of the control of the con-sistent was a control of the con-trol of the control of the con-trol of the con-tro

plish what they did.

And in humbler walks of life the same love has inspired many truly gallant deeds.

When trials come and we have ownen trials come and we have doubts of our ability to meet them let us just repent. "Perfect love casteth out all fear." What a source of power it is, all who have tried it can testify.—I. H. N.

When making sponge cake, it is when making sponge cake, it is a good plan to put a tablespoonful of water with the chill off it into the cake mixture directly after pouring in the eggs. This makes the cake deliciously light and spongy.



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BOY'S BO

yards of plaited ruffling.

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Splendidly blest is that household seems to be a most sad and serious that is so fortunate as to possess at condition of affairs, how just one least one member gifted with the word of illuminating good humor. One such person in a home is enough, if there send the foreboding proposition glimsanot be more. Just when all the mering into nothingness.—Anonyothers are seriously confronting what mous.





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to bottom is about the size of a pin point, a pin point, Medium Grain (blue label): Like small seed pearls, even and white and marvels of sweetness. Coarse Grain (green label): Like small diamonds and most as brilliant, but quickly meited.

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10.500 lbs. milk in 290 days.

No. 2 is and browd and the making the built. His dam in the yearly test this year as a sr. 2-yr-old has milked as high as de lbs. a dam lie dam is a little as high as de lbs. a dam lie dam is different the second of the days in the latter Baroness, whose record for 7 days in aged class is 33.77 lbs butter, 30 days. Brown of 24.71 lbs. butter, and in 30 days, a record of over 10 lbs. butter days, a record of over 10 lbs. butter, and april 25 20.15 lbs.

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Butter in 7 days. His sister. Pontiac Lady Korndyke, has a rocord of See Ibs. Butter in 7 days. Butter in 7 days, 1802 ibs. Butter in 8 days, world's records when made. We are offering several females in 7 days, 156.92 lbs. in 30 days, to this buil, also a few by J. W. RICHARDSON R. R. No. 2, CALEDONIA, ONT.

HOW SHALL THE INCOME BE APPORTIONED

(Continued from page 7.)

but let them also share equally in the running expenses of the farm and

But what about the surplus? Let that be equally divided also, for wotions and visions for the future. Extension of business is usually made from the surplus, and in this business ght not both partners be consulted in any other? For the extension as in any other? For the extension of farm territory brings as many responsibilities to the wife as to the husband and she should have a voice in deciding as to how much extra burden shall be assumed.

HER ONLY INTEREST.
The woman on the farm has often no other financial interest than that distressing one when she is called on to sign documents which transfer the property to her as a means of saving it from the creditors; the prosaving it from the creditors, the property is then hers in name only and she has no real control over it, nor can she take her share in preserving it or in putting it in good financial condition for her family.

condition for her family.

Men are apt to overtax their strength and finances by acquiring more land than they can handle and fail often to see that the extra acres give extra burdens to the wife as well as to the husband. Women are proverbially consarvative, and account. verbially conservative and economical; surely a real partnership be tween the progressive man and the tween the progressive man and the cautious woman might bring about less strain and amongst other good things a more intensive type of farm-

ing. Give the wife a true partnership Give the wife a true partnership and ahe will become interested; she will learn as she works, and perhaps we may then have both for men and for the lighter things of life, for the and he lighter things of life, for the end he lighter things of life, for the rafin holidays which make life fuller, brighter and kinder. I faney we may also have fewer mortgaged farms and many more happy homes

In the Children's Interest

Mrs. S. G. K., Brant Co., Ont. The farm pocketbook is too often altogether in the pocket of the farmer. This is not as it should be. It should be in the house, accessible to both farmer and his wife.

cession to both farmer and his wife.

The drafts to be made on the pocketbook should be known to the farmer's wife as well as to the farmer himself. If the circumstances of the finiseir. If the circumstances of the family are known to the wife, in nine cases out of 10 it will be as economically used as by the farmer himself. This would have a tendency to stop This would have a tendency to sorp-running accounts at the store, gro-cery or other places. She would then have money at her command to pay her way, which is the only proper method of conducting business, household or otherwise.

The monthly allowance does not tend to make that joint interest in their affairs that should exist, as expenditures are very irregular in a farmer's family. The whole fact in a nutshell is—the major portion of the money earned should be spent on the money earned should be spent on the training of the children. A general education is a good thing, but the training of the children in commercial finance is a practical necessity.

WHY MONEY IS SAVED. To save money to grow wealthy is not in the best interests of any peo-ple. But to save money to educate and train a family is absolutely necesand train a family is absolutely necessary for general prosperity. If the family's earning capacity is, say, \$1,000 a year, I would suggest this apportionment: 10 per cent. for a rainy day, 10 per cent. for general repairs, furnishings, etc., of the home. 25 per cent. for food, 25 per cent. for clothes, and 30 per cent. for education. This on a basis of a family of five or six. family of five or six.

I would have all the children help to spend this money on food and clothes. Let them take an interest in

clothes. Let them take an interest in it. Allow them sometimes to do the shopping, sometimes buy their own clothes, and gradually assume a little responsibility. Teach them all to work and think. Carelessness, especially in training girls to become helpmates, to take charge of a house and family, is one of the greatest crims in this country.

If I were wanting to emphasize one

If I were wanting to emphasize one thing more than another it would be the training of the family. This is where the greatest returns on m in the pocketbook can be got, and is usually where the least is spent. THE BURE INVESTMENT

Time and money spent upon an education when the family are young is never forgotten, never lost, and never without results. If a girl or boy wanted a suit of clothes, I would give them what I thought would be a maximum amount with which purchase it. If they were satisfi with a \$15 instead of a \$20 suit, t \$5 would be theirs to spend as they \$5 would be theirs to spend as the chose. This should apply to the whole family, the husband and wife also complying with the rule. To my mind, nothing looks worse and ends worse than for a girl in her teen to be extravagantly dressed while the mother's clothes are worn and us

Boys should be early taught to take Boys should be early taught to an interest in the farm, and if the have charge of a portion of the stock, when that stock is sold they should have a certain percentage of the money. In this way the money is not handed out as a gift, but in payment for their work. For instance, if a begreeds and cares for a half dozen calves for a year, the growth and increas value of the calves represent a c tain amount of money, one-third a one-half of which rightfully belong to the boy. Let him buy stock will that money and when the time com to sell it, charge him moderately i to sell it, charge him moderately f feed and allow him to handle the proceeds. All that is needed to have joint interest on the farm and in it farm pocketbook is a little common sense in adjusting or distributing th

rofits.

The hiring of boys and girls an paying them what is called wages, think a very bad practise. The become careless and more or less is interested. The training they get in buying, selling and care of stock poultry, etc., overbalances their way account by far. If the future bes and girls are properly trained the will be no injustice of the oneside handling of the farm pocketbook.

"Ours," not "Mine"

By "Stella," Addington Co., 0s I believe that the farm pockets should belong to the household general. I do not like to think ab those men who take complete cha of the pocketbook and do not al their wives to have any say in what ent. On the other hand, a spent. certainly should not have tull coad Although her husband on their ding day says, "With all my wo goods I thee endow," from that forth they should consider every as "ours," not "mine." I believe the sa "ours," not "mine." I believe the say "ours," and "mine." forth they save as "ours," not "mine." I be however, that whichever one had best business head should all have a say in the way the or of the pocketbook are to be pee If the husband and wife lip they should there will not be they should there will not be they should there will not be they should the property of the should be should

trouble in this matter. deavor to keep all debts paid live within their income, no ting to have enough to spend books, papers and many other things that will make home a period their children will love, and of states will be proud. not

******* OUR

October

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Off to "The Phile of the Home should be a f Moreover, I of the Home responsible fo know just why is th to the Club Is member. And the hired ma everybody else

the whole club

wonderfully de

We haven't time. the silence a c landed us in waxed hot for problem of wo make no comn had better lea delicate subject would like to h numerous other themselves so blems in the pa The example Wife" has bee week we are ociable chat of all hope that th ateresting fall has transferred street, but it is not forgotten us letter this week to learn that "C fighting sickness now, and is un "Cousin

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Home Club Circ

winter. Let us a the Club a suc do it.—"Another

We will meet



The Best Frier hote on farm of Elgin Co.

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OUR HOME CLUB

Off to a Good Start

Off to a Good Start

"The Philosopher" wants to know what has become of all the members of the Home Club. He thinks there should be a family reunion. So do I. Were the Club Circle, and am responsible for the Gutter. I don't know just the passence of the Club Circle, and am responsible for the shonorable and responsible for the shonorable for the sh

the example of the bottom and the bottom and the week we are having the first real sociable that of the season. We will associable that of the season. We will not be seen to be Home Club Circle.

Home Club Circle.

We will meet every two weeks all winter. Let us all cooperate to make the Club a success. We sure can do it.—"Another Hired Man."

My Daughter

"John is off to college to-morrow."
"Where does Mary go?"
"Oh! she is not going; she will stay



The Best Friend After All Photo on farm of Mr. Lorne Best, Elgin Co., Ont.

domo' and help mother? She ds her. Mary passed her entrance that is enough schoolin' for a

Haven't you heard that? I have and I feel like a keg of powder with a live coal under it. liable to go off at any minute, so just to save the structure in the structure of the structure of the manage and challenge any one to fire situation 1 will explode my ideas on paper and challenge any one to fire back. This is for farmers' daughters, but I trust before we have finished our pattern will fit the daughter of

ENTERING LIFE WORK Why are you sending John to col-ge? To study for a doctor, mini-



"Well Done Sir"

-Photo by an editor of Farm and Dairy.

well bone sur
—Photo by an editor of Farm and Dairy.

ster, lawyer and to make a success in
life. But from whatever motive, unconsciously he enters the larger life.

The other lad is going to be a farmmon he has stopped school in common burlance, and so his life work is
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that some ones, overy one forgetting
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matter what their college life has been
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The women suffragists are stirring the world with their noise and focilatiness. In one way one feels like sitting still and letting them smash things generally, for there is so much wrong to be endured. They see great word women to be an any heaps of refuse and production in every corner, and womanish the state of t

A BSORBINE TRADE MARK REG. U.S. PAT. OFF. Ill reduce inflamed, swollen

will reduce inflamed, swollen Jointa, Sprains, Bruises, Soft Bunches; Heals Boils, Poll Bunches; Heals Boils, Poll Bunches; Heals Boils, Poll and with a surface of the sur

Manufactured only by W. F. YOUNG, P.B.F.123 Lymans Bldg., Montreal, Can.

Thirtieth Annual ONTARIO

Provincial Winter Fair GUELPH, Dec. 9th to 12th, 1913

Liberal Classification \$18,000.00 IN PRIZES

This is CANADA'S OLDEST WINTER FAIR

Get a Prize List from the Secretary. Wm. McNell, President R. W. Wade, Secretary
London, Ont. Parliament Buildings
Toronto



Some farmers are like Gladstone. You will remember he got his exercise by chopping down trees.

Some farmers—a good many of them—are getting theirs like the man in the picture above.

Trundling one wheelbarrow-load after another for half a day from stable to yard is exercise all right. And what a "plug" it is to get a wellfilled wheelbarrow up the plank gangway on to the manure heap—especially in winter. 50 lbs.

But have you time for this exercise?

Then why do it?

You wouldn't think of sowing or reaping in the oldfashioned way. Then don't make cleaning out stables the exception.

DILLON'S LITTER CARRIER lightens the labors of farmer's boy or hired man. It enables him to finish the stables in a fraction of the time before required.

A trim, well-kept barnyard, too, is the result of using a DILLON LITTER CARRIER. The bucket can be run out over the yard and Load of 800 dumped where desired.

lbs. runs easily along the smooth track.

A boy can work it. It can be fitted up without difficulty. The cost is the minimum for a first-class equipment. We have no Agents-you deal directly with the factory.

DILLON'S Litter Carrier

Figure it out for yourself. Get our free book.

Dillon's seld direct to the Farmer. There are no Agents and no Agents' profits. The price is the same to all, and the price is the same to all, and well built equipment. DILLON'S CLEAN STABLES gives you an exact idea of what you can accomplish for a small outley. Write for a free copy.

B. DILLION & SON

R. DILLON & SON

130 Mill St. South, - Oshawa, Ont.



pull on chain

CLEARING AUCTION SALE OF 47 HEAD OF REGISTERED

HOLSTEIN-FRIESIAN CATT

Hillview Farm, Komoka, Ont. (10 miles West of London on C.P. and G.T. Railways. C.P.R. Stn. on Farm; G.T.R., 1 mile.)

On WEDNESDAY, OCTOBER 22nd, 1913

On WEDNESDAY, OCTOBER ZZAG, 1916

This comprises one of the best hords of dairy cattle in Western Ontario. The twenty one cown in the area grand to tof producers including a number sture of the original two-year-olds. Fire choice including a number sture of the offering; and nineteen only executive studies are second to none, beig fashionably breve, eleven helps high individual merit. All these cattle and instead of the control of the co

FAIRVIEW FARMS HERD

Some of PONTIAO KORNDYKE, ready for service in the sear fature or younger, some and daughter of SIE JOHANNA COLANY LIGHT, whose three issues and daughters to BiE JOHANNA COLANY LIGHT provide seah as juntos to be expected to the search of th NEW YORK E. H. DOLLAR,

HEUVELTON, (Near Prescott, Ont.)

Roofing That Stands the Test Driving coal-gas and smoke from loco-motives within—driving rain, snow and wind from the elements without,

test a roof as does no other single use. For this reason rulevada choose their roofing material only after making for this reason rullroads choose their roofing material only after making most rigid tests. Of all roofings, NFPOMET Paroid Roofing stands this two-fold attack the best. That's why the Canadian Pacific and other milroads endorse and choose NEPOMBET Paroid Roofing to cover other milroads endorse and choose NEPOMBET Paroid Roofing to cover

He's economy for great Railway Systems in Canada and the United States to use NEPOMSET Paroid—isn't it economy for you to use NEPOMSET Paroid on your barns, your stables, your ice houses, your farm buildings? Costs little to buy. Anyone can lay it. Made in Canada.

NEPONSE Waterproof Building Products

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EPONSET Roofings are a ong lived. Anyone can lay Roofing is for general ute. NEPONSET Product Roofing is an ornamental roofing for dwellings. Attractive colors. **Building Papers**

Wall Board NEPONSET Wall Board is a omes in sheets 32 inches wide, emember, it is the only wall oard with waterproof surfaces oat requires no further deco-ation. Anyone can put it up-

you going to build? Write for more facts about the products in which you rested. Send for samples, free booklet and name of nearest NEPONSET deal

BIRD & SON Est. 825 Heintzman Bldg., Hamilton, Ont. St. John, N. B. Winniper Montreal [F. W. BIRD & SON]

an unprincipled man is a dangerous weenen

Back of our Sovereign are laws back of our laws are statesmen, back of our laws are statesmen, back of our statesmen are home, and mother and education — whatever that home and mother may be and we can't get away from it. (Forgive the parody, but my pen would say it).

USEFULNESS OF EDUCATION USEFULNESS OF EUUCATION
Then who should have the education; our girls, who make the men
and women, or our boys, who make
the money? Both surely. Father
says: "What, is the use of sending
Mary to High School or University or
Mary to High School or University or Mary to High School or University or College? As soon as she is through she will get married and make no use of it." Oh, the pity of it! Is that what an education is only intended for—to make money? Our greater sell cries out with pain when we think what is missed when one is not forti-fied with all the wisdom and knowledge that we can attain.

leage that we can attain.

Some families are so superior to others. What makes the difference?

Not money, no; a thousand times no, but the mother. And a mother who will launch a refined cultured family on the world who have to carn every penny they need does far more for them and for the world than one who them and for the world than one who hands down houses and lands and nothing else; not even the knowledge of how to hold a knife and fork, or to sit at the table properly.

MOTHER MOULDS CHARACTER The father is too tired at night to bother with domestic affairs. The mother moulds the character of the mother mounds the character of the little men and women in her home. A Jesuit priest says: "Give me the first seven years of a child's life and I care not who has the rest." It takes all not who has the rest." It takes all the education of every kind available to be able to cope with human nature. The greatest transformation I ever knew of was made in a home where the kindergartner mother had been a kindergartner. She makes an ideal home mother; the table is covered with high school books, the sound of piano and violin is heard and books are everywhere. Years ago 25 cents was more prized than the best book published.

So, father, better far to give your daughter five hundred dollars now for self-culture than when you are gone, or for a vulgar display on her wedding day. She will prize it more, and best monument to your life to fit your daughter for a perfect home mother.

daughter for a perfect nome motion.

A diamond in the rough is precious.

It is more precious if it is cut. It is infinitely more charming if it is polished and set. We have little jewels in our homes; let us shape their lives and character by the sharpening, pruning knife of a good sound education, and, lastly, give the charm that comes from the teaching. charm that comes from the teaching and association of a good ladies' college.

EDUCATION BROADENS MIND The mind has a thousand eyes. The more that are opened the larger, richer the life. The beauties of all nature are ours in a wonderful sense, nature are ours in a wonderful sense, and every year makes life richer, more complete. We think of Bobbie Burns, the plowman poet, going out to the field in the early morning, and as he turns the sod he comes upon a daisy, and in tenderness he breathes

We modest, crimson-tipped flo'er, I've met ye in an evil hour."

His nature-loving heart did not like to uproot even a daisy.

But there, dear Home Club readers, there are reams and reams more of nonsenses in the back of my head, but already the air is full of exclamations and epithets. I can feel them. Don't be too hard on me, but say it out, and townrow, when John goes to college, send Mary too. Goodnight .- Dream .

On the Farm

I could tot but respond to kind invitation to join the "Gathering of the Clan" once more and com pare ideas as we used to do. It seems so like an old fashioned Thanksgiving so like an old fashioned framsgiving party, only the feast will not be of pumpkin pie and roast turkey, but of those other good things we readers of Farm and Dairy know so well how to enjoy. My home is now in city, but I love the country still make many a happy visit to the old farm—the old lane, the old gate the old house by the tree, the wild wood, the wild brook, they will not let me be. In childhood I knew them, and still they call to me.

I wish, though, that more interes could be aroused in the cultivation of roundings through the country. wonder how any one can endure the sight of so many weeds flaunting their gaudy colors along the road side in many places. Why should not a man many places. Why should not a man who has pride in his home have pride enough to cut these offenders in front it, adding both to its beauty and

And in the farm home I would make an appeal for the cultivation of a taste for both flowers and must Shakespeare said, "A rose by any oth cr name would smell as sweet," but many people we meet who fail a together to catch the spirit and poets of the fragrance and beauty rose. Robbie Burns had caught both when he spoke to the daisy in his pathway. Flowers are flowers at music is just music to some. That all. Their early education was only along material lines.

But, oh, how much they miss who souls fail to awake under the spell a harmonious sound and who feel a thrill in the glories of the sunshin the song of the bird or the sight of the unfolding flower. in the race is wealth and position in our count there is so much danger of our you folk losing sight of fine ideals unle in their home they are trained to a preciate the beauty of the real thing the satisfying things of life.

The cultivation of the love of bear does not necessarily mean extra gant living. We all know it do gant living. We all know it or not cost much to have a nice gre-lawn, buildings and fences paint and in good repair, with a few flows and vines to brighten all. Just little thought and tender care and refrain of "Home, Sweet Home" ring in the hearts of our children be a joyful memory till their hair grey. To walk with the morning watch its rose unfold; to drowse the noontide, lulled in its hear gold; to lie with the night time dream the dreams of old. Let eatch this spirit if we can.—Dot.

Environment of Flower

It has been said that the best and the best garden are made we a wise combination of beauty a utility, a fair share of each, and the influence derived from an entitle ment of flowers, says a writer in consin Horticulture.

There are few people who do recognize some of the possibilities a flower garden during the spring summer months, but many appass do not realize their value in the during the cold winter season, at they are most truly appreciated.

I am thankful to say I have I known the time when my home been entirely without flowers or ing plants. Often crowded as been, a large family in a small house, there has always bees spot for mother's favorite plant

both in this states, talk p United State changes, now larly importan concerned. Few wheat will be to 10c: potatoes two cents a grive cents to frand one-half and cattle, she be admitted fropens up a vas produce.

Prospects of markets is alr markets is air produce moven holding their i of the 84 duty the same cause, ers may be tra ed access to the Money seems first-class city rout at six to a and farm mort

World wide go a deadening int ket that report tine crop and of the Russian ster the marked dropped one cen quotations now 85%c: No. 2, 873 84c outside; 87c COA

The coarse graded by fair der Large quantities ing marketed in now evident that of corn in the tirely abandoned of corn in the tirely abandoned in this commodi plentiful enough prains. Quotatio: C.W. No. 2, 40e; to 35½c outside; to 75½c; barley, 80e; ryc, 60e to prevail at Montrollows: Outs, C. No. 5, 35½c to 44ey, malting, 60e buckwheat, 66e to EGGS A.

This week has

EGGS at This week has seasonable advantal egg quotati all egg quotati quotes quotati quotes quotati quotes quotati quotes quotati quotes quotati quota

FRUIT AN Quotations are: o 75e; tomatoes, 1 6c; canteloupes, c to 40c; apples, bkt to 83.50; pears, 30c bkt., 20c to 22c. DAIRY Butter e

Butter continue strength and quot vanced slightly. vanced slightly, ing exported out of mand from the wand from the ough to strengther wholesale quotatic prints, 22 to 24c; 25c; solids, 26c to 24c; 25c; solids, 26c to 24c; 25c; solids, 26c to 25c; 15c; old large, 15c 154c.

tive still holed that s ing heid on states tariffere being he tariff bar signing of delayed m od to lose s are holdi ck, and con tet are of et are o up prices for we quote as:

\$7 to \$7.35; 15°; choice, \$6

\$5 to \$6.50; he

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\$5. \$5 to \$6.10

anners and commers and commerce and to our of "Gather-e and com . It seems anksgiving not be of urkey, but we readers so well how in the now to the old wild wood not let me

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mean extran a nice greences paint Just or care and t et Home" ir children u to drowse vi night time can.- Dot.

f Flower at the best are made up of beauty of each, and omplete wit rom an en ple who do to possibilitian the springs many apparer alue in the b

er season ppreciated. ay I have if flowers or in a small ways been a MARKET REVIEW AND FORECAST

Toronto, Monday, Oct. 6—Business men, cows at 860 to 855; common to medium, both in this country and the United 840 to 860; springers, 840 to 851; control to 850; springers, 840 to 851; control to 850; springers, 850 to 850; spring Tresulto, Monday, Oct. 6.—Husiness men. cows at 860 to 875, common to medium, solution in this country, and the United States taily Friese now the state of the s

such fresh at 56e to 56c, selected 20. to 52c. Like No. 1 storage stock, 56 to 26c. The No. 1 storage stock, 50c. The No. 1 storage

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and cettles, already and the produces and control and cettles, already having its affects and cettles and form cettles and farm mortsages are being taken and farm formations and farm mortsages are being taken and farm mortsages are being taken and farm formations and farm mortsages are being taken and farm formations and farm mortsages are being taken and farm formations and farm mortsages are being taken and farm formations and farm formations and farm mortsages are being taken and farm formations and farm

THE EXHIBITS AT CHICAGO
Here are a few of the things that should
attract Canadian dairymen to the National Dairy Show to be held in Chicago,
1.000 of the Covember lat Inclinaire;
1.0

These are only a few of the things.

Every day there will be addresses by experts in every branch of dairying.

THAT BIG SALE

HOLSTEINS

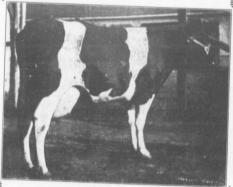
BROCKVILLE (FAIRGROUNDS)

TUESDAY, OCT. 21

Holsteins

Holsteins in Sale— 100 Select Individuals

NOTE THIS ONE



MUTUAL FRIEND CANARY—one of the big roomy kind—a cow with both the "torm" and "perform."

As a 2yr-old she has a record of 1125 butter fat. Every dam in her record in her record in her record in the record averaging 249 lbs. butter. Her sire is a grandson of Sadie Valo. the first 26-lb. cow in Canade.

She is only one of the 100 head you can select from on Oct. 21.

INKA SYLVIA 6th

Look her up in the Catalogue

29 lbs. butter in 7 days at 4 yrs.—the highest 4yr.old record one in Ganada At 4 yrs.—the highest continue of the catalogue are 2500 lbs. milk in 30 days—100 lbs. in days—the youngest one with this record. Could you did a better one to your herd?

REMEMBER

Practically all are Females, most of them from 2 to 5 years of age and due to freshen in Fall or Early winter.

EVERY HOLSTEIN BREEDER

Should get his catalogue early. Look over our offerings. Note their breeding, the individual consignments, etc. Learn all you can about them. Then you will be there, and it will have been a profitable "Thanksgiving" outing for you.

Sale is being conducted under strictest rules and penalties. Everything is right. Signed transfers for each animal will be in the Secretary's hands before sale day. This will be an opportunity of buying Holstein females on which it would be difficult to get a price at the breeder's own stables.

Our Motto: "EVERY CUSTOMER SATISFIED"

Your Catalogues and full particulars come from

A. C. HARDY Secretary BROCKVILLE, ONT.

HOLSTEINS

RIVERVIEW HERD 9 Young Bulls, from " to 13 months, sired by King Isabella Walker, whose sister, I searest officially tested dams, a sister of his dam and two sisters of his dam and two sisters of his dam and two sisters of his from R. O. M. and R. O. P. dams.
P. J. SALLEY, LACHINE RAPIDS, QUE.

OXFORD DISTRICT

The Holland of North America
Is the palee to buy Holsteins of quality.
The Third annual sale will be held in the
city of Woodstock on March 25th, 1914.
Full list of breeders in the Olord District
with post office and station addresses sent
on application to R. J. KELLY, SECY., TILLSONBURG, ONT

Lakeview Holsteins

Bull caives only for sale for the pre-sent, sired by Count Hengerreld Fayne De Kel or from his daughters and sired by Dutobland Colantha Sir Mons. Write for extended pedigrees of these bulls, or come to Broate and see the hard. Visitors always welcome.

E. F. OSLER, BRONTE,O NT.

HOLSTEINS

HOLSTEINS



15 Heifers, rising 2 years 20 Heifer Calves, from month to 9 months. Bull Calves, from 1 to 10 Calves.

Also Cows up to 6 years. WM. HIGGINSON, INKERMAN, ONT.

Lyndale Offering

One Yearling Buil—tuberculin tested—5 his nearest dams average 27 lbs. butter led in 7 days. Two grandsons of "KING F THE PONTIACS," one 12 mos. old. Om a 20-lb, 2-year-old; another 5 mos. om a 20-lb, 2-year-old grand-daughter of tra Jewel Hengerveld.

BROWN BROS. - LYN, ONT.

Sir Lyons Hengerveld Segis

I am offering a young son of this greabull, that sold for \$1,500 when a calf This youngster is a nice individual amout of a grand-daughter of Sarah Jewe Hengerveld the 3rd. a \$2,000 cow. Price reasonable. Will meet interested parties in Peterboro by appointment, or write JOS. O'REILLY, ENNISMORE P.O., ONT.

MANOR FARM

Senior Herd Sire, Prince Hengerveld of the Pontiacs, a sen of King of the Pontiacs and from a daughter of Fietertje Hengerveld Count De Kol. Junior Herd Sire, King Segis Pontiac Posch, a son of King Segis Pontiac Alcarta (the \$10,000 bull), and from a 20,63 lb, 3 year old.

We will be glad to mail to anyone extended pedigrees of these Sires. We are offering a limited number of cows in calf to them for sale.

No Heifer Calves for sale at any price

BEDFORD PARK, ONT. GORDON S. GOODERHAM

Live Stock Wanted

15,345 lbs. in 1 Year

For a ir. 2-year-old, milked twice per day. She is a daughter of Dutchland Colantha. Sir Abbekerk, pair of his cons from 22 and 22-lb. 4-year-olds for sale. Both extra show bulls, old enough for service. Write 10r pedigree. AYLMER, ONT.

Heifers Heifer Caives Bull Caives Mature Bull

Registered Holsteins

Over 30 head to select from All in good condition. Cows and helters are bred to King Segis Pontiac Koningen, who is a % brother to King Begis Duties to King the segion of the comment of

J. Alex Wallace

Lynn River Stock Farm, Simcoe, Ont.

If you have any Thoroughbred Guernsey, Ayrehire or Loistein Heifer Calvee-Brood Sows or Bow Pigs for sale - com-municate with

R. S. DUDLEY

P.O. Box 176 - Westmount, P.Q.

Bullsfrom High Record Dams

Sired by Canada's Greatest PONTIAC BULL

One 6 months old out of a 29-lb. three-year-old daughter of King Segis. Two grandsons of Pontiac Korndyke

out of 25-lb. daughter. Several others of lower records. Every one splendid individuals and some ready for service.

AVONDALE FARM

A. C. HARDY - . BROCKVILLE

Holsteins of Superior Quality

Headed by the most richly-bred bull, King Lyons Hengerveld, who for 9 generations back has breeding above 21 lbs. butter a week, and pretty close to him comes Johanna De Kol Van Beers, that for o generations back has breeding and De Kel Van Beers, that and pretty close to him comes Johanna De Kel Van Beers, that and pretty close to him comes Johanna De Kel Van Beers, that great 40-lb. cow. She held the WORLD'S RECORD for 60 days, 50 and 100 days—288.11, 410.71, 450-17 lbs. butter respectively. Colamba 4th Johanna, the only cow who ever held all world's records. Also very close comes Blanche Lyons, dam of world's records. Also very close comes Blanche Lyons, dam of very. Cotantna 4th Johanna, the only core who ever held all world's records. Also very close comes Blanche Lyons, dam of 22 cows above 31bm., WORLD'S RECORD. Also Blanche Lyons Netherland, she and her 3 dinghters aver. 30 40 bs. butter in 7 days, WORLD'S RECORD.

Stock from this great bull are distinctive for their constitution, great length and depth. Every one shows the qualities of our leader.

Offspring are now offered for sale,

If you are interested in securing the BEST, we can suit you from among our members. Come to Tavistock and save money on your purchases.

An appointment with any one of the following well-known dairy-men will take you to all our herds:

J. LEUZLER E. RUBY JACOB MOGK TAVISTOCK, ONT.

H. BOLLERT

PRINCE EDWARD ISLAND
LOWER MONTAGUE. Sopt. 29.—11.
LOWER MONTAGUE. Sopt. 29.—11.
Lower was very the for the grain. It is even was very the for the grain. It is even to be a soft of the control of the c

QUEBEC

MISSISQUOI CO., QUE. MISSISCIOI CO., QUE.
FREIGIGISHUR, Sept. 22.—Severe frosts
on the 50th and several nights thereafter
killed corn and potatoes on low lands
worse than for many years. Silo filling
and potato digring are now in order.
Pastures are short and the yield of milk
is failing fast. Water in wells and
streams has been very low, but heavy
rainfall on the 22nd will help—C. A. W.

rainfall on the 22nd will help—C.A. W.

RURIMOND CO., OUE.

DANVILLE Sept. 22.—We have had fine harvest weather, and most of the grain at the sept. 22.—We have had fine harvest reset early in September spoiled the gardens and corn. Potatoes are a good crot, with very well and pork are high in price. Vanne pips are selling at \$3 each; butter, 36e; eggs, 36e; strained honcy, 15e—M. D. B.

ONTARIO NIPISSING DIST., ONT.

NEW LISKEARD. Sept. 29—At Liskeard Fair, held the 26th inst., the finest collection of roots and we children in the mest collection of roots and we children with the collection of roots and we children were pumping, and the collection of the coll

WELLINGTON CO., ONT.

Fill No. 100 Co. 10 NT.
Fill C

WENTWORTH CO. ONT.
KIRKWALL Oct. 3-About the same acreage of potatoes have been grown this year as in the past two or these year as in the past two or these year as in the past two or the year of ye

Invorte varieties C. A. W.

OXFORD CO., ONT.

NORWICH, Sept. 26.—We had a very severe frost here on September 14 and a lighter one on the 15th. Corn was badly frozen all over the country. Farmers are

Dec. \$1.50. Jun. \$1.60. Feb., \$1.60. March. \$1.50.—J. McS. \$1.50.—J. McS. \$1.50.—J. McS. \$1.50.—J. McS. \$1.50.—J. McS. \$1.50.—J. \$1.50.—

THE CATTLE ON A THOUSAND HILLS" It is the honest opinion of every man engaged in the cattle or meat trade, that the high cost of living is due largely to the fact that people will not buy the cheaper cuts of meat, and to the low producing power of the average dairy

predicing power of the average dairy compression of the dependent of the control of the control

I you have a good beef bullock or a good producing dairy cow, go after some of the prizes which are offeread this. Verily the eattle from a thousand the prize of the prize of

AVESHIRES FOR CANADA

AYRSHIRES FOR CANADA

The "Secutish Farmer" has the follow flow "Secutish Farmer" has the follow flow and the property of the

in call cow at the recent Kirkendels.

Now. So, bulk Mr. Dinnean has re"that of sphendidly bred animals of of individual merit. One is the well-ki
Hargennoch-bred Signs of Riches, a with
Hargennoch-bred Signs of Riches, a with
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with a great milk record. This is a
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with a great milk record. This is a
with him goes a capital bulk call
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reputation, of the Old Century in
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The Division

October 9

(Continue There is an sight which is emperature ar boil. That is, drizzling rain back yard, or is the word—a the hill from bushand is loa bacco at the c aniov the task labor in that fa The children-

sion of labor co of a family of 1 as little tots, as us had our mamber mine dining-room, cles and put away hafore I went to ng, although we dry the tea dish At the preser

enough responsitheir practising no set work to d it isn't right. can they be expe making a big m ertain tasks sui and age to per should there be a The farm is an

to rear boys and so many living to tive interest in, to bring from pa-pick up, a hund little hands and rery thing, the what makes our is develop in poroughly capal and women. Turi almost any city ar nearly 75 per cen pusiness and pro ome from rural plant ind habits of ind hich clung to the apidly past those do when young The blessedness ery is the salvations is is he who ap share of the wor

Avoid Defects (Continued for

ehalf hours afte rature is reache l ensure a firm elisticient acid has ng the whey. In advisable to rais rature to 100 de ACID DEVELOPS IN It must be kept id develops inside nd is forced into ey by the action hich causes the cu ilk before setting re used, the acid pidly, much fast n expel the moiditions it aw the whey be to p ible, acid cheese make fine chees MISTAKE TO BAI

to get rid of flake well befor salt too soon as the the curd time curd warm all

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has got a nals of high well-knows ee, a winter specials. He out of a cov isi is a bull dians. Alons il calf bre dihe Campbel-right good i uphold the stry in the

(27)

getting early a mpleted lo; buck-by the \$24; oil or milk ... \$1.60 ; March The Division of Labor on the Farm

(Continued from Page 4) (Continued from Page 4)
There is another quite different
eight which is apt to cause a rise of
temperature and make the blood to
bail. That is, seeing a woman in a
drizzling rain chopping wood in the
back yard, or lugging-yes, lugging
is the word—a heavy pail of water up is the word—a neavy pail of water up the hill from the spring, while her husband is loafing and chewing to-bacco at the corner grocery. I'd enjoy the task of dividing up the

r in that family. The children—that's where a divin of labor counts most. I am one a family of 10 living children, and as little tots, as we came along, each of us had our chores to do. I reof us had our chores to do. I re-member nine. I had to dust the dining room, clean the lamp chimney, and put away the breakfast dishes before I went to school. In the even-ing, although we kept help. I had to

ing, although we kept help, I had to dry the tea dishes and hunt the eggs.

At the present day, there is not asough responsibility placed on chil-dren. Most of them, apart from their practising on the piano, have no set work to do in the home. And it int right. Their whole educa-tion and thought is for self. How can they be expected to grow up with a taste for housework? Mothers are making a big mistake. They should see to it that their little girls have octain tasks suitable to their strength and age to perform each day, nor and age to perform each day, nor should there be any shirking. The farm is an ideal place on which

to rear boys and girls so many little to rear Doys and grife—so many little chees to be done night and morning, so many living things to take an active interest in, eggs to gather, cows to bring from pasture. fallen fruit to pate up, a hundred little things for past up, a hundred little things for past up, a hundred little things for past up, a hundred little things for from balyhood on the past up, and the past up, and the past up to the past u

apidy past trose who had no work o do when young. The blessedness of seeming drud-jery is the salvation of mankind, and like is he who apportions to himself share of the world's work.

Avoid Defects in Fall Cheese

(Continued from page 17.) Continued from page 17, mahali hours after the cooking tem-menture is reached. This method ill ensure a firm curd by the time afficient acid has developed for draw-ag the whey. In some cases it may a divisible to raise the cooking tem-erature to 100 degrees.

ACID DEVELOPS INSIDE THE CUP It must be kept in mind that the cid develops inside the cubes of curd and is forced into the surrounding they by the action of heat and acid his back. her by the action of heat and acid ish causes the curd to contract. If so much acid is developed in the like before sorting or too much cul-tre used, the acid will develop too pilly, much faster than the curd in expel the moisture. Under such ditions it becomes necessary to say the why before the curd is me in order to present the say. n in order to prevent, so far as sible, acid cheese. Such curd will make fine cheese.

MISTAKE TO SALT TOO EARLY. Stir the curd sufficiently at dipb flake well before milling, and do salt too soon after milling, but to the curd time to mature. Keep curd warm all through the pro-

When the weather gets cold at- again.

tention should be paid to the curing tention should be paid to the curing room to see that a fairly even tem-perature of about 60 degrees is main-tained, not allowing a temperature of 0 degrees one day and 60 the next. Let the cheese get a little start in curing before they are moved by the buyer.

buyer.

Finish the cheese carefully.

Much of the prejudice against late fall cheese comes from the poor appearance of an occasional lot. The cheese are sometimes bandaged when the curl — and the water used—is too cold and then left in the nress at too law a temperature. water used—is too cold and then lett in the press at too low a temperature. The result is a poor rind and un-sightly finish. Avoid these defects signify linish. Avoid these defects by keeping the press room reasonbly warm and taking every precaution to finish the cheese neatly.

PASTEURIZED CULTURE

Carry on the regular pasteurized culture. Do not depend on old sour milk for a starter, as this often ruins the flavor of what would otherwise be very good cheese.

CHEESE TO BE TURNED REGULARLY CHERRE TO BE TURNIB REGULARLY.

Complaints on this point regarding fall cheese are the received. The rinds get soft if the cheese are not turned regularly or the shelves, and give a great deal or trouble and loss after the cheese go in forage. It may be that some of our great shell the shelp of the shel

between a fine and poor quality of late

Progress of Dairying in Canada

Conditions affecting the marketing end of the dairy industry in Canada have undergone rapid changes during recent years. In the past it has been the custom to estimate the growth of the custom to estimate the growth of the industry on the export trade. This, however has become an entirely unreliable grant but on the color of the mittee on Agriculture and Coloniza-tion during the past season of Parlia-ment by Mr. J. A. Ruddick, Dairy and Cold Storage Commissioner, who showed very clearly that the industry snowed very clearly that the industry is not losing ground but is making is not losing ground but is making steady progress. It was brought out that the Canadian people are consuming relatively more milk and milk products than heretofore and that an increasing quantity of milk is being manufactured into condensed milk, casein and other products

During the course of Mr. Ruddick's evidence he gave out a great deal of interesting information concerning concerning the tendency of the industry. has now been printed in a pamphlet of fourteen pages for free distribution to all who apply for it to the Publications Branch of the Department of Agriculture at Ottawa.

How to Make Wash Day Easy

(Continued from page 6.)

(Continued from page 6.)
the water is kept het for a long time, and the same water that washed the white fine clothes can, if need to reused for fiannels or heavy stuffs. The washing machine that is driven by hand is an improvement over the old "ruba dubdub"; but the power-driven washer is away in the lead of all. Not only does one escape the calisthenics over the "corrugated banjo," but the grinding of the wringer is no small task. One-third of a horse-power does the job for one of a horse-power does the job for one-third of a pint of gasoline per hour. One pint of gasoline is worth three cents. The rest of the figuring is

But can a woman run a gasoline engine? We will talk that over



Your Orchards and Trees

If a near-by farmer were making a huge success of his fruit trees, while yours were stunted and yielded poor returns, you would want to know the reason. If the soil and conditions were the same you'd know there was something wrong with the cultivation. Take the question of hardpan. Twenty years ago orchardists in California where there is hardpan, blasted treels to save labor of digging-much more rapidly.

They lied through describe the said.

They lived through droughts; others died. They came into bearing two years earlier. They produced more and better fruit.

They produced more and better truit.

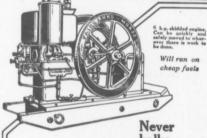
C. X. L. stumping powder is unequalled for scientific tree agriculture, it loosens up the soil around the roots and allows the moisture to carry the plant food to the roots. Write us about arranging dem-

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"While I hear of others in my vicinity whe experience difficulty in starting engines manufactured by other companies, I must say that my Fairbank-Morse engine purchased a year ago has neves gives me the least trouble."—Wm. G. Tewins, Athena, Ont.

Fairbanks-Morse Farm Engines

are bt "it fer furm use. Their construction makes them adaptable for practically every class of heavy work met with as the average farm, whether it is sowing, hosting, grinding, threshing, pumping, pulling stumps, cutting ensilege, or any of the other innumerable tasks that the ingestous Canadian farmer can devise.

Because of their special fitness for farm work, Fairbanks-Merse Decays of their special ritages for farm work, rairoants-merse Farm Engines are thoroughly dependable at all times and under the most exacting conditions. There are more than 115,000 in use today. Any size from 1 to 200 h.p. Vertical or horizontal,

portable or stationary. Equipped with Bosch magnetos and made to run on gasoline, kerosene or low grade distillate, the cost of the last being less than onefourth that of gasoline.

The Canadian Fairbanks-Morse Co. Montreal

Send for this booklet—"49 Uses for a Farm Engine." It is full af valuable infor-mation for the farmer and is

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Address

(28)

Let us place this Eclipse GRAFONOLA and 24 Superb Musical Selections in Your Own Home on FREE TRIAL!

E WILL upon receipt of the attached coupon properly signed and filled out have the Columbia Dealer nearest you supply you with one of these splendid Eclipse Grafonolas and complete out fit for free trial in your own home. This outfit includes the Eclipse Model with its five new improvements, 4 albums, each with space for 12 records, and 24 specially selected pieces as shown in accompanying list.

THIS OFFER opens the gate to all the music of all the world. For Columbia Grafonolas will play not only all of the four thousand selections which have been recorded on Columbia Records, but also any disc record of any make by any artist, band, or orchestra, without exception.

Pay for it as Convenient

If after thorough trial in your own home you decide that you can possibly get along without the pleasure a Grafonola affords, all you have to do is to return it. We will thank you for the opportunity of demonstrating it, and consider you under no obligation whatsoever.

If, however, you are like 98 per cent. of the people to whom we have made similar offers, you will want to keep this outfit as your own. To make this easy, you can arrange with the dealer to pay \$11.05 down and \$1.25 a week for 28 weeks. Just figure the extra value offered you here.

A machine that will play any disc record of any make, a tone that is sweet and pure with none of the "talking machine" noises that used to spoil this kind of music; four dandy albums to protect your records from scratch or damage; 24 fine selections from among the list of 4,000 Columbia Records, together with needles, etc., etc.,—everything needed for evening after evening of the most supreme enjoyment.

Sign and Mail the attached Coupon Today

That is all the formality required and accepting this free trial in no way binds you to the purchase of the machine. Do not delay as this offer is being made to a number of other people and only a limited number of these outfits can be placed on free trial.

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Wholesale Distributors -- Columbia Graphohones, Grafonolas, and Records

TO DEALERS

If interested in dealer proposition write or wire for details.

	FREE	TRIAL	COUPON
		ANY, 88 Wellington	St. W., Toronto.
Gentlem	ien: I accept your	offer in "Farm a	nd Dairy" to place a Model one in my home on free trial
through	the nearest Col	umbia Dealer. I u	ons in my home on free trial nderstand this free trial does ecide to purchase outfit, terms ee arranged through Columbia
Name			Post Office
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Description of Machine

The Columbia Grafonola Model Eclipse includes all the most important improvements devised in the experimental laboratories of the Columbia Graphophone Company and proved good by the tests of hundreds of thousands of users of these instruments. It has the continuous tone chamber, which gives a tone like a Cello. It has the improved Cornet tone arm, with noiseless bayonet joints. If has the Columbia reproducer, which makes Grafonola music superior to that of any other similar machine. Has a silent two-spring motor, accurate speed regulator and a cabinet of beautiful design and splendid finish. Be one of the first in your locality to have this latest development in Columbia Grafonolas.

Four Wellington Record Albums accompany this outfit. These are strongly made, safe receptacles for the keeping of 48 records. 12 in each album.

Description of the 24 Selections in This Outfit

Each one of these records is a Double-Disc engraved by the improved Columbia process. They wear five times as long as those of any other make and give double value for your money. If after trial you care to exchange any of these for other records listed in the Columbia Catalogue the Columbia Dealer will be glad to make the exchange at the time of purchase of instrument.

LIST	No.	1

A5692. "Vicar of Bray"
"Thursde"
"Thursde"
"Thursde"
"Vision"
"Vision"
"Nights of Gladness"
"Vision d'Amour Valse"
"Ricamia"
"Gray of Gladness of Gladness
"Gladness"
"Gladness"
"Gladness"
"Therefore of Ages"
"Head You Calling Me"

"Lucania"—Polka

R1473—"O Come All Ye Faithful"

"Hark the Herald Angels Sing"

"Hark the Herald Angels Sing"
R2029—"Keep on Swinging Me, Charlie
"I've Had My Fortune Told"
R.295—"Songs My Mother Taught Me"
"I'll Sing Thee Songs of Araby"

R1958—"The Gaby Glide"
"On the Road to Zag-a-zig"

Artist
David Bispham
(Baritone).
Ellery Band.

Prince's Orchestra

Scots Guards.

Reg. Band of H.M. Scots Guards.

Jean Sohwiller ('Cello). Serg. Leggett (Cornet). J. Scott Skinne

J. Scott Skinner.
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Chas. Holland (Baritone). Morgan Kingston (Tenor).

Casino Orchestra.